

## Final Programme

European Congress of  
Clinical Microbiology  
and Infectious Diseases

**Copenhagen, Denmark**  
**25 – 28 April 2015**

**ECCMID**



**25th**

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# Final Programme of the 25th ECCMID in Copenhagen, Denmark 25 – 28 April 2015

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## Important Addresses

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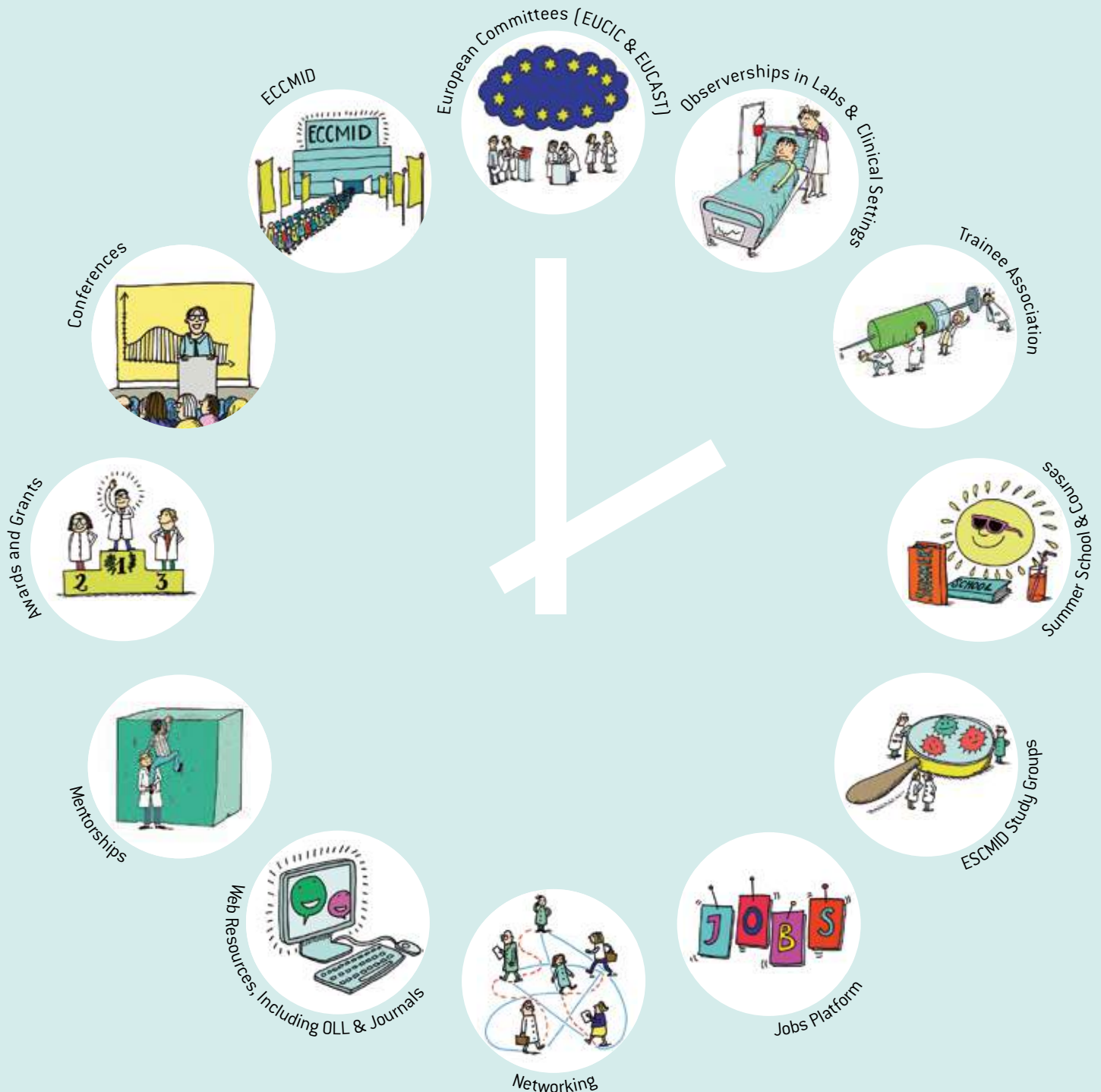
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# Acknowledgements

The ECCMID Programme Committee is proud to acknowledge the scientific input from the following organizations in setting up the Scientific Programme and/or organizing joint workshops and symposia:

**ASM – American Society for Microbiology, Programme Committee of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC)**

*Maternal immunizations to prevent newborn infections (page 41)*

**EACS – European AIDS Clinical Society**

*What is hot in HIV/AIDS in 2015? (page 71)*

*Progressive multifocal leukoencephalopathy in HIV-infected and non-HIV-infected patients: what is new in 2015? (page 74)*

**EU – IMI COMBACTE Consortium**

*Challenges in the clinical development of new antibacterial agents (page 75)*

**EUCAST – European Committee on Antimicrobial Susceptibility Testing**

*Antimicrobial susceptibility testing with EUCAST breakpoints and methods (page 33)*

*Resurrecting old antimicrobial agents (page 40)*

*Benefits and challenges of site-specific breakpoints (page 47)*

*EUCAST: frequently asked questions (page 69)*

**EUCIC – European Committee for Infection Control**

*Infection prevention and control measures in Europe 2020 (page 37)*

**ICHS – International Immunocompromised Host Society**

*Clinical approach in febrile immunocompromised patients with pulmonary infiltrates (page 40)*

**IDSA – Infectious Diseases Society of America**

*Clinical Grand Rounds 2015 (page 70)*

**ISF – International Sepsis Forum**

*Management of severe sepsis and septic shock anno 2015 (page 33)*

*Sepsis update (page 59)*

**SPILF – French Infectious Diseases Society**

*Antibacterial treatment: how short is long enough? (page 45)*

*New features in encephalitis (page 76)*

**WHO – Europe**

*World immunization week 2015 – WHO perspectives on Vaccines (page 58)*

## 26th ECCMID

9 – 12 APRIL 2016  
ISTANBUL, TURKEY

ICC–Istanbul Congress Center

## 27th ECCMID

22 – 25 APRIL 2017  
VIENNA, AUSTRIA

Reed Messe Vienna

# Welcome Address

Dear Colleagues and Friends,

It is a great pleasure and privilege to welcome you to the 25th European Congress of Clinical Microbiology and Infectious Diseases here in Copenhagen, Denmark. The steady growth in importance of ECCMID has made it our mission to increase the excellence of this congress. To achieve this goal the Programme Committee prepared a series of Keynote Lectures, Symposia, Educational Workshops and Meet-the-Expert sessions on parallel tracks covering the entire field of Infectious Diseases and Clinical Microbiology.

ECCMID opens with the Educational Workshops, which have evolved to take full advantage of advances in technology and modern media. They will become more interactive, allowing participants to become actively involved and get the maximum benefit from the sessions. The 19 sessions explore a wide range of currently important topics. Organized by ESCMID Study Groups, the Trainee Association and EUCAST, the workshops offer superb networking opportunities in addition to their educational value. This is also true of the Meet-the-Expert sessions where we want to include more personal views and experience and want to see more direct interaction of participants with the expert. In more than a dozen sessions, experts help finding practical solutions of how to deal with important issues. We will be very happy to listen to your feedback on the innovative ways to participate, and are keen to hear ideas for new event formats and ways to increase interactivity even more!

ECCMID provides now an excellent forum to attend, update your knowledge and learn about the latest innovations in our fields. Specialists in the field are coming to take part in this important annual congress. Your attendance has made this 10,000 delegate congress a highlight of the calendar year.

Copenhagen's Bella Centre has been the centre of world attention on several occasions, hosting summits under the auspices of the International Olympic Committee, EU, the World Bank, NATO and the UN. We are proud to be here with you.

We are warmly welcoming you to Copenhagen and are excited that you are part of our annual highlight!



**Prof Murat Akova**  
ESCMID President

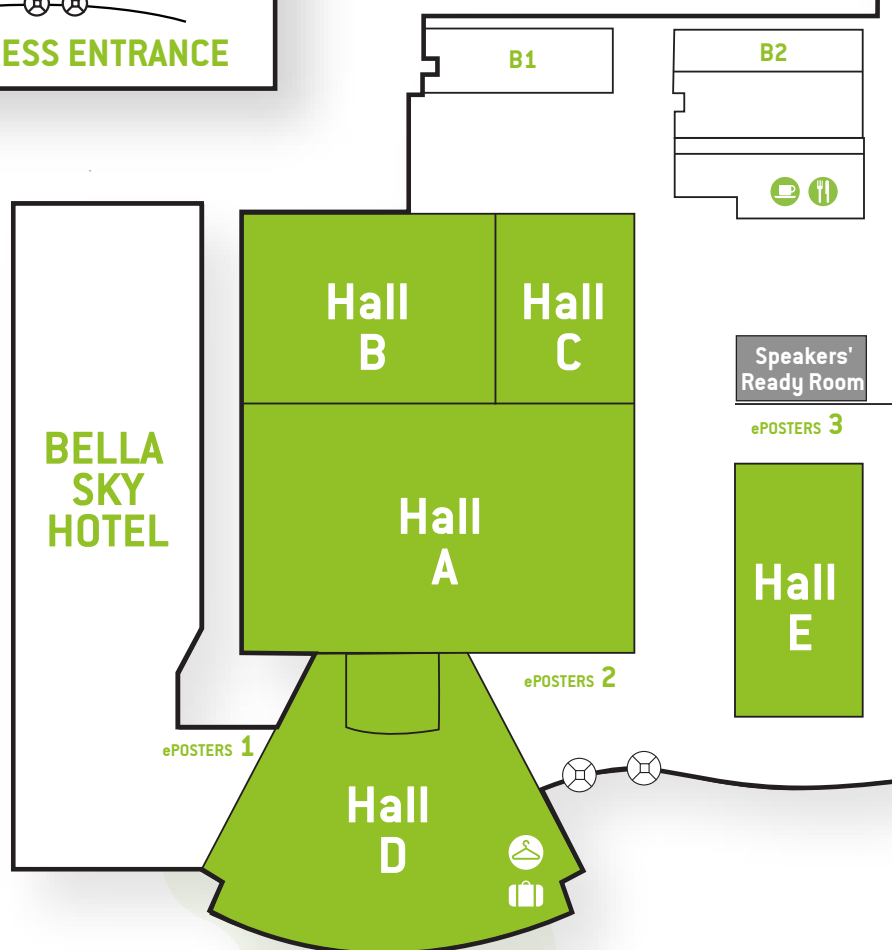
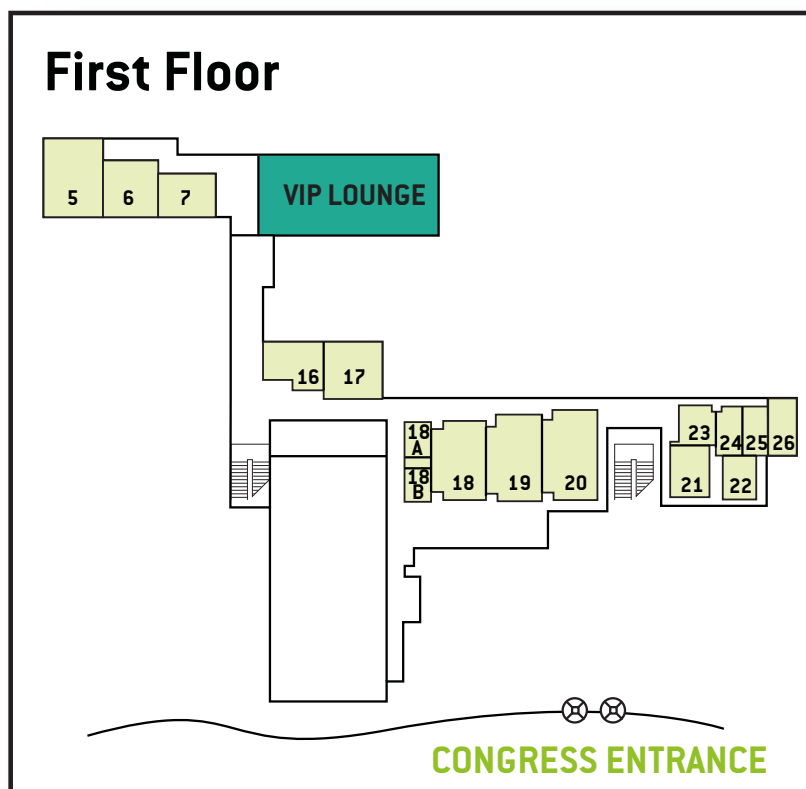


**Prof Winfried V. Kern**  
ECCMID Programme Director



**Prof Gunnar Kahlmeter**  
ESCMID Past President

# Congress Venue Overview





# Ground Floor





# EUCAST

EUROPEAN COMMITTEE  
ON ANTIMICROBIAL  
SUSCEPTIBILITY TESTING

ESCMID presents:

# EUCAST at ECCMID Copenhagen

## Saturday, 25 April

08.45 – 12.45, Hall A

### EUCAST Workshop: Antimicrobial susceptibility testing with EUCAST breakpoints and methods

- Update on EUCAST methods and breakpoints. *Rafael Canton Moreno (Spain)*
- Antifungal breakpoints and susceptibility testing. *Susan J. Howard (United Kingdom)*
- New carbapenemase inhibitors – how should they be tested. *Johan W Mouton (Netherlands)*
- National introduction of EUCAST breakpoints and methods. *Iztok Strumbelj (Slovenia)*
- Clindamycin susceptibility testing and reporting. *Derek F.J. Brown (United Kingdom)*
- Expert rules in antimicrobial susceptibility testing. *Sören Gatermann (Germany)*
- Susceptibility testing of new and revived antimicrobial agents. *Ron Jones (United States)*
- Moderated panel discussion on questions from the audience. *Alasdair P. MacGowan (United Kingdom)*

16:30 – 18:30, Hall B

### Resurrecting old antimicrobial agents

- Translational research for old antibiotics: what is lacking? *Alasdair P. MacGowan (United Kingdom)*
- Sparing carbapenems by revived old antibiotics [mecillinam, temocillin, fosfomycin]. *John D. Turnidge (Australia)*
- Appropriate usage of nitrofurantoin. *Angela Huttner (Switzerland)*
- Regulatory issues with old antibiotics. *Radu Botgros (United Kingdom)*

## Sunday, 26 April

09.00 – 10.30, Meeting Room 19

### EUCAST Subcommittee on Antifungal Susceptibility Testing (AFST) General Committee Meeting Open Meeting

11.30 – 12.30, Hall B

### Benefits and challenges of site-specific breakpoints

- Indication-specific breakpoints targeting urinary tract infections. *Martin Sundqvist (Sweden)*
- Meningitis. *Christian Ostergaard (Denmark)*

## Monday, 27 April

13.00 – 14.30, Hall N

### EUCAST General Committee meeting Open Meeting

17.30 – 18.30, Meeting Room 6

### EUCAST Veterinary Subcommittee on Antimicrobial Susceptibility Testing (VetCAST) Open Meeting

## Tuesday, 28 April

07.45 – 08.45, Hall I

### Meet the Experts

### EUCAST: frequently asked questions.

*Derek F.J. Brown (United Kingdom), Erika Matuschek (Sweden)*

12.30 – 13.30, Poster Area

### Methods of antibacterial susceptibility testing

View EUCAST posters from various authors.

EUCAST is a standing committee jointly organised by ESCMID, ECDC (European Centre for Disease Prevention and Control) and European national breakpoint committees.

### Visit EUCAST representatives at the EUCAST booth in the ESCMID World at ECCMID Copenhagen!

Sunday, 26 April: 11.00–11.30

Monday, 27 April: 11.00–11.30

Tuesday, 28 April: 11.00–11.30



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# Awards and Grants 2015

## ESCMID Award for Excellence in Clinical Microbiology and Infectious Diseases 2015



**Marc J.M. Bonten**

Marc studied and works in the Netherlands. He earned his MD (1991) and PhD ('The role of colonization of the upper intestinal tract in the pathogenesis of ventilator-associated pneumonia', 1994) at Maastricht University Medical School and completed his medical training at the UMC Utrecht, where he became Professor of Molecular Epidemiology of Infectious Diseases in 2002. Since 2008 he has run the Medical Microbiology department there and leads the Infectious Disease Epidemiology Research Group at the Julius Center of Health Sciences and Primary Care.

With experience of the full range of epidemiological study designs, his major contributions to the field include being the first to apply the cluster-randomized cross-over design in evaluating ecological interventions in ICU populations. He has been (co-)applicant of a large number of national and international research grants. His many roles include VICI laureate (2006) from the Dutch Science Association, Principal Investigator of the CAPiTA study, coordinator of the EU-funded project R-GNOSIS and scientific coordinator of the IMI-funded consortia COMBACTE and COMBACTE-MAGNET.

His main interests include clinical epidemiology: antibiotic resistant bacteria including MRSA and ESBL-producing Enterobacteriaceae. His work has contributed to much of the current evidence of the ecological safety of antibiotic-containing infection prevention strategies such as SDD and SOD and preventing hospital-acquired infections. He uses mathematical modelling to investigate transmission of these bacteria in hospital settings and was among the first to describe the complex epidemiology of vancomycin-resistant enterococci. Keen to build (inter-)national relationships, Marc has participated in European research consortia, including MOSAR, SATURN, CONCORDE, EvoTAR and PREPARE. He is also instrumental in developing a high-quality European clinical trial network for the evaluation of new antimicrobial agents to combat antibiotic resistance and for large-scale European epidemiological studies, providing a platform for microbiology similar to the European Organisation for Research and Treatment of Cancer.

Marc Bonten will be presented with his award at the 25th ECCMID in Copenhagen by Gunnar Kahlmeter, ESCMID Past President, and Murat Akova, ESCMID President, on Sunday, 26 April 2015 from 11.30–12.30 in Hall A. During this ceremony he will give his recipient's lecture: '[The modern ICU: are antibiotics used to save the patients or to soothe the minds of the doctors?](#)'

## ESCMID Young Investigator Awards for Research in Clinical Microbiology and Infectious Diseases 2015



**Carolina Garcia-Vidal**

Carolina Garcia-Vidal completed her training in Internal Medicine in 2005 at the Hospital Universitari Mútua Terrassa and her fellowship in Infectious Diseases in 2007 at Hospital Universitari de Bellvitge. She achieved her PhD *cum laude* on the topic of 'Improving the management of community-acquired pneumonia', under the guidance of Professor Jordi Carratalà (Universitat de Barcelona) in 2009. She won the best PhD award from the Catalan Society of Internal Medicine as well as the Young Internist of the Year award for research by the Spanish Society of Internal Medicine (2009). She is currently employed as a consultant physician in infectious diseases at Hospital Universitari de Bellvitge, and works in IDIBELL (biomedical research institute), in the 'Infections of the respiratory tract and in immunocompromised patients' group.

Her research is focussed on respiratory tract infections, especially within the immunocompromised host. Her work is based on clinical research and covers a large range of topics, including pneumonia, fungal infections, bacterial COPD exacerbations, tuberculosis, and infections in patients receiving biological therapies. She has produced more than 80 indexed publications in several prominent journals with more than 1,200 citations. Her present Hirsch Index is 20.

Carolina Garcia-Vidal will receive her award during the ESCMID Young Investigator Awards Session on 27 April 2015 from 14.30–15.30 in Hall B. During the session, she will give her presentation: '[Clinical research on respiratory tract infection](#)'



### Jason Roberts

In his roles as professor and consultant clinical pharmacist, Jason has shown a strong interest in addressing the persistently poor outcomes of critically ill infected patients. Improving treatment of infections, including reducing the emergence of resistance, is work that urgently needs to be undertaken for our currently available antibiotics as the time until new antibiotics become available may be lengthy. A better understanding of dose-exposure and exposure-effect relationships for antibiotics using pre-clinical and clinical PK/PD research presents an excellent approach to addressing these problems.

Jason started his research pathway 10 years ago and has worked as a clinician-scientist throughout. In 2012 he was named Australian Clinical Pharmacist of the year by the Society of Hospital Pharmacists of Australia. He has a strong interest in clinical and research mentoring and enjoys the opportunity to interact with many like-minded people to share ideas on how best to treat infections in difficult-to-treat patients like the critically ill. He contributes to the critical review of guidelines, as an editor with several journals and convening numerous conferences. He has more than 170 career publications, has been awarded over USD 16 million in grants and supervises 16 higher research degree students.

Jason Roberts will be presented with his award during the ESCMID Young Investigator Awards Session on 27 April 2015 from 14.30–15.30 in Hall B. During the session, he will present some of his research under the title: ‘Can PK/PD get us better outcomes for infected ICU patients?’



### Roy Sleator

Roy Sleator graduated from University College Cork, Ireland, with a BSc in Microbiology, an MA in Education and a PhD in Molecular Biology, and holds a PG Cert in Bioinformatics from The University of Manchester, UK. In 2006 he was awarded the Society for Applied Microbiology’s WH Pierce Prize for his excellent contributions to the field of bacteriology and was a recipient of an ESCMID Research Fellowship in 2004, 2010 and again in 2011. He is a lecturer at the Department of Biological Sciences at Cork Institute of Technology as well as a Principal Investigator at both CIT’s BioExplore Research Centre and University College Cork’s Alimentary Pharmabiotic Centre. He is also founding Editor-in-Chief of the scientific journal *Bioengineered*, published by Taylor and Francis, New York, USA.

Roy Sleator’s main interests are the development of improved diagnostic approaches and novel therapeutic strategies for the identification and control of new and emerging pathogens; particularly those associated with the human gastrointestinal tract. His lab, which was named Pharmaceutical Laboratory of the Year at the Irish National Laboratory Awards in 2014, concentrates not only on academic excellence, but also on providing effective solutions to real world clinical problems.

Roy Sleator will receive his award during the ESCMID Young Investigator Awards Session on 27 April 2015 from 14.30–15.30 in Hall B. During the session, he will give his presentation: ‘Following my gut feelings...’

## ESCMID Research Grants 2015

The following ESCMID members have received a Research Grant in 2015 for the indicated project.



**Diana Angelica Aguilar-Ayala**  
Biochemistry and Microbiology,  
Ghent University, Ghent, Belgium

**Project:** *Mycobacterium tuberculosis* in a cholesterol and fatty acid rich environment: global response to dormancy and antibiotic resistance



**Berend Jan Bosch**  
Department Infectious Diseases & Immunology, Virology Division, Faculty of Veterinary Medicine, Utrecht University, Utrecht, Netherlands

**Project:** Propagation of enteric coronaviruses: no guts no glory



**Joseph Meletiadis**  
Clinical Microbiology Laboratory, Attikon University Hospital, Athens, Greece

**Project:** Determination of pharmacokinetic-pharmacodynamic breakpoints for voriconazole and posaconazole against *Candida glabrata* and *Candida krusei* in a multicentre study



**Jasmina Nikodinovic-Runic**  
Medical Mycology Reference Laboratory, Serbian Society of Medical Mycology, Belgrade, Serbia

**Project:** Development of biopolymeric formulation of antifungal polyenes using medium chain length poly hydroxyalkanoate (PHA): validation against superficial mycoses



**Margarida Saraiva**  
Life and Health Sciences Research Institute, Braga, Portugal

**Project:** Deciphering the candidate *Mycobacterium tuberculosis* molecular signatures of TLR2 vs TLR4 activation



**Vicky Sender**  
Microbiology, Tumor and Cell Biology, Karolinska Institutet, Stockholm, Sweden

**Project:** Influenza-induced modulations of TLR inhibitors: a mechanism contributing to enhanced susceptibility to secondary pneumococcal pneumonia





**Serena Cavallero**

Department of Public Health and Infectious Diseases, Sapienza, University of Rome, Rome, Italy

**Project:** Comparative analyses on transcriptomes of anisakid pathogenic species



**Xavier Charpentier**

MAP UMR5240, CNRS, Villeurbanne, France

**Project:** Antibiotic activity of a trans-translation inhibitor against the intracellular pathogen *Legionella pneumophila*



**Dirk Eggink**

Medical Microbiology, Academic Medical Center, Amsterdam, Netherlands

**Project:** Adaptive evolutionary pathways of highly pathogenic avian H5N1 influenza in humans



**Joao Perdigo**

Research Institute for Medicines, Faculty of Pharmacy of the University of Lisbon, Lisbon, Portugal

**Project:** Transcriptomic profiling of clinical *Mycobacterium tuberculosis* strains: global transcriptomic response towards drug exposure and metabolic shift towards latency



**Ville Nikolai Pimenoff**

Infections and Cancer, Catalan Institute of Oncology, Barcelona, Spain

**Project:** Evolutionary history of oncogenic human papillomavirus type 16 (HPV16) inferred from 1194 worldwide HPV16 variant isolates and 410 historical HPV16 isolates collected in the last 86 years in Europe - implications for the viral evolution after global HPV16



**Meta Roestenberg**

Parasitology L4-Q, Leiden University Medical Centre, Leiden, Netherlands

**Project:** Diagnosis of schistosomiasis in travellers by urine CAA testing



ESCMID / FEMS Fellow 2015

**Lidija Senerovic**

Laboratory for Microbial Molecular Genetics and Ecology, Institute of Molecular Genetics and Genetic Engineering, Belgrade, Serbia

**Project:** Structurally-guided identification of novel pharmacophores targeting *Pseudomonas aeruginosa* quorum sensing and biofilm formation



**Rita Sobral**

CREM, FCT, UNL, Monte de Caparica, Portugal

**Project:** A new target inside an old molecule: glutamate amidation of peptidoglycan

## ESCMID TAE Awards for Training Achievements 2015



**Nelia Neves Silva**

São João Hospital Centre,  
Porto, Portugal

Infectious Diseases



**Nicole Pagani**

School of Infectious Diseases,  
Turin, Italy

Infectious Diseases

## Travel Grant Awardees

The ECCMID travel grant programme is sponsored by the European Society of Clinical Microbiology and Infectious Diseases (ESCMID). Grants were awarded to those with outstanding abstracts.

|                                                                |                                                                              |
|----------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Andrade</b> , Leonardo (Ribeirao Preto, São Paulo, Brazil)  | <b>Labrador Herrera</b> , Gema (Seville, Spain)                              |
| <b>Aston</b> , Stephen (Blantyre, Malawi)                      | <b>Le Marechal</b> , Marion (Nancy, France)                                  |
| <b>Bakula</b> , Zofia (Warsaw, Poland)                         | <b>López Sánchez</b> , Cristina (Barcelona, Spain)                           |
| <b>Baldan</b> , Rossella (Milan, Italy)                        | <b>Lourtet Hascoet</b> , Julie (Toulouse, France)                            |
| <b>Bartoletti</b> , Michele (Bologna, Italy)                   | <b>Machado Vílchez</b> , Marina (Huelva, Spain)                              |
| <b>Basas Satorras</b> , Jana (Barcelona, Spain)                | <b>Maffongeli</b> , Gaetano (Rome, Italy)                                    |
| <b>Belkacem</b> , Anna (Villeneuve Saint Georges, France)      | <b>Manea</b> , Eliza Daniela (Bucharest, Romania)                            |
| <b>Branco</b> , Joana (Porto, Portugal)                        | <b>Marques</b> , Cátia (Lisbon, Portugal)                                    |
| <b>Bulnes Ramos</b> , Ángel (Seville, Spain)                   | <b>Martín-Gutiérrez</b> , Guillermo (Seville, Spain)                         |
| <b>Caballero Pérez</b> , Juan de Dios (Madrid, Spain)          | <b>Merino Velasco</b> , Irene (Madrid, Spain)                                |
| <b>Calvo Reyes</b> , Maria Cruz (Madrid, Spain)                | <b>Miari</b> , Victoria (London, United Kingdom)                             |
| <b>Campos</b> , Joana (Porto, Portugal)                        | <b>Micalessi</b> , Isabel (Bonheiden, Belgium)                               |
| <b>Carretero Ledesma</b> , Marta Claudia (Seville, Spain)      | <b>Moreno Cano</b> , Javier (Barcelona, Spain)                               |
| <b>Cerva</b> , Carlotta (Rome, Italy)                          | <b>Nagant</b> , Carole (Brussels, Belgium)                                   |
| <b>Cienfuegos</b> , Astrid Vanessa (Medellin, Colombia)        | <b>Norihito</b> , Kaku (Nagasaki City, Japan)                                |
| <b>Coppens</b> , Jasmine (Wilrijk, Belgium)                    | <b>Ntokou</b> , Eleni (Odense, Denmark)                                      |
| <b>Corcoran</b> , Mary (Dublin, Ireland)                       | <b>Oikonomou</b> , Olga (Larisa, Greece)                                     |
| <b>Cordeiro Melro Mourão</b> , Joana Vanessa (Porto, Portugal) | <b>Olaru</b> , Ioana Diana (Borstel, Germany)                                |
| <b>Couto</b> , Natacha (Lisbon, Portugal)                      | <b>Ozdemir</b> , Caner (Ankara, Turkey)                                      |
| <b>Dafopoulou</b> , Konstantina (Larissa, Greece)              | <b>Pelegrín Senent</b> , Iván (Barcelona, Spain)                             |
| <b>Dautzenberg</b> , Mirjam (Utrecht, Netherlands)             | <b>Rosshiem</b> , Alexandria (Norfolk, VA, United States)                    |
| <b>De Backer</b> , Sarah (Antwerp, Belgium)                    | <b>Rottier</b> , Wouter Carel (Utrecht, Netherlands)                         |
| <b>de Curraize</b> , Claire (Dijon, France)                    | <b>Saldan</b> , Alda (Padova, Italy)                                         |
| <b>Eck</b> , Anat (Amsterdam, Netherlands)                     | <b>Sekiya</b> , Noritaka (Tokyo, Japan)                                      |
| <b>Edin</b> , Alicia (Umeå, Sweden)                            | <b>Sharshov</b> , Kirill (Novosibirsk, Russian Federation)                   |
| <b>Gawryszewska</b> , Iwona (Warsaw, Poland)                   | <b>Silva</b> , Liliana (Porto, Portugal)                                     |
| <b>Geleyn</b> , Cisse (Sint-Niklaas, Belgium)                  | <b>Silva-Pinto</b> , André (Senhora da Hora, Portugal)                       |
| <b>Goncalves</b> , Daniela (Porto, Portugal)                   | <b>Siopi</b> , Maria (Athens, Greece)                                        |
| <b>Gonzales Siles</b> , Carmen Lucia (Gothenburg, Sweden)      | <b>Smit</b> , Jesper (Aalborg, Denmark)                                      |
| <b>Goret</b> , Julien (Bordeaux, France)                       | <b>Smith</b> , Jordan (Royal Oak, MI, United States)                         |
| <b>Goto</b> , Michihiko (Iowa City, IA, United States)         | <b>Strasheim</b> , Wilhelmina (Groenkloof, South Africa)                     |
| <b>Grosset</b> , Marine (Gondeville, France)                   | <b>Suardi Lorenzo</b> , Roberto (Bergamo, Italy)                             |
| <b>Grumezescu</b> , Alexandru Mihai (Bucharest, Romania)       | <b>Teh</b> , Benjamin (Melbourne, VI, Australia)                             |
| <b>Grumezescu</b> , Valentina (Bucharest, Romania)             | <b>Tillekeratne</b> , L. Gayani (Durham, NC, United States)                  |
| <b>Guilarte Yuvia</b> , Naomi (Berne, Switzerland)             | <b>Tsiavi</b> , Polyxeni (Thessaloniki, Greece)                              |
| <b>Haverkate</b> , Manon Renée (Utrecht, Netherlands)          | <b>van Doorn-Schepens</b> , Maysa Laurena Maria (Amsterdam, The Netherlands) |
| <b>Hernández García</b> , Marta (Madrid, Spain)                | <b>Vanstraelen</b> , Kim (Leuven, Belgium)                                   |
| <b>Hetem</b> , David (Utrecht, Netherlands)                    | <b>Verberk</b> , Janneke (Utrecht, Netherlands)                              |
| <b>Ishikane</b> , Masahiro (Tokyo, Japan)                      | <b>Vergara Gómez</b> , Andrea (Barcelona, Spain)                             |
| <b>Jagielski</b> , Tomasz (Warsaw, Poland)                     | <b>Verma</b> , Yogita (New Delhi, India)                                     |
| <b>Jayol</b> , Aurélie (Fribourg, Switzerland)                 | <b>Vognbjerg Sydenham</b> , Thomas (Odense, Denmark)                         |
| <b>Jindal</b> , Hassan (Kuala Lumpur, Malaysia)                | <b>Wailan</b> , Alexander (Herston, Australia)                               |
| <b>Jonsson</b> , Rie (Roskilde, Denmark)                       | <b>Wicha</b> , Sebastian (Berlin, Germany)                                   |
| <b>Kestler Hernandez</b> , Martha (Madrid, Spain)              | <b>Xu</b> , Zhenbo (Guangzhou, China)                                        |
| <b>Knaack</b> , Dennis (Münster, Germany)                      | <b>Yamamoto</b> , Norihisa (Osaka, Japan)                                    |
| <b>Kordalewska</b> , Milena Ewa (Gdansk, Poland)               | <b>Yeap</b> , Alicia (London, United Kingdom)                                |
| <b>Kucharikova</b> , Sona (Leuven-Heverlee, Belgium)           | <b>Yim</b> , Juwon (Detroit, MI, United States)                              |
| <b>Kumar</b> , Dharendra (Delhi, India)                        | <b>Zander</b> , Esther (Cologne, Germany)                                    |
| <b>Kwok</b> , Clement (Vancouver, Canada)                      |                                                                              |
| <b>Kwong</b> , Jason (Parkville, Australia)                    |                                                                              |

# Scientific Programme Overview

Saturday, 25 April 2015

| Hall A                                                                           | Hall B                                                                                                                                                       | Hall C                                                                                                                                                                                | Hall D                                                                                                        | Hall E                                                                                                                                       | Hall F                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:45-12:45                                                                      | 08:45-10:45                                                                                                                                                  |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
| EW01<br>Antimicrobial susceptibility testing with EUCAST breakpoints and methods | EW02<br>Management of severe sepsis and septic shock anno 2015<br><br>      | EW03<br>Optimising antifungal therapy – bridging laboratory and clinical expertise                                                                                                    | EW04<br>Community-acquired MRSA 2015: what, where and why?                                                    | EW05<br>The impact of diagnostics on clinical tuberculosis management                                                                        | EW06<br>How to improve compliance with vaccination?<br><br>  |
|                                                                                  | 11:00-13:00                                                                                                                                                  |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
|                                                                                  | EW11<br>“Final destination ICU” – cases of severely ill travellers<br><br> | EW12<br>Whole genome sequencing – what the heck?<br><br>                                            | EW13<br>Multidrug-resistant bacteria and immunosuppression: emerging threats with limited therapeutic options | EW14<br>ESCMID guideline for the diagnosis and treatment of biofilm infections                                                               | EW15<br>Vaccination of immunocompromised and allergic patients – are we missing the obvious?<br><br>                                           |
| 13:00-13:30 Lunch Break / ePoster and Poster Viewing                             |                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
| 13:30-15:30                                                                      |                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
|                                                                                  | SY01<br>New antibacterial drugs                                                                                                                              | SY02<br>How <i>Staphylococcus aureus</i> evades host and treatment                                                                                                                    | OS01<br>Advancing hospital antibiotic stewardship                                                             | SY03<br>Hot topics in culture-based diagnostics<br><br> | SY04<br>Vaccines against mucosal infections                                                                                                                                                                                        |
| 15:30-16:30 Coffee Break / Poster Session                                        |                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
| 16:30-18:30                                                                      |                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |
| SY05<br>Ebola virus – lessons of and perspectives from the recent outbreak       | SY06<br>Resurrecting old antimicrobial agents                                                                                                                | SY07<br>Clinical approach in febrile immunocompromised patients with pulmonary infiltrates<br><br> | OS02<br>Molecular epidemiology of MDR Gram-negatives                                                          | SY08<br>Added value of syndrome-based molecular diagnosis?                                                                                   | IS05<br>Integrated Symposium                                                                                                                                                                                                       |
| 19:00 Opening Ceremony followed by Networking Reception                          |                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                               |                                                                                                                                              |                                                                                                                                                                                                                                    |

- Educational Workshops
- Meet-the-Experts
- 1-hour Symposia
- 2-hour Symposia
- 1-hour Oral Sessions
- 2-hour Oral Sessions
- Keynote Lectures
- Integrated Symposia are not included in main event CME/CPD credit. Please refer to the Integrated Symposia and Exhibition Guide for session details.

Sessions specifically interesting for (ID) Infectious Diseases Fellows (CM) Microbiologists (IC) Infection Control Practitioners

| Hall G                                                                       | Hall H                                                                                                           | Hall I                                                                     | Hall J                                                          | Hall K                                                        |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| 08:45-10:45                                                                  |                                                                                                                  |                                                                            |                                                                 |                                                               |
| EW07<br><i>Mycoplasma pneumoniae</i> : epidemiology, diagnosis and treatment | EW08<br>Infection control issues in long-term care facilities, rehabilitation and continuity of care<br><br>(IC) | EW09<br>Lesions in the nervous system: could it be a parasite?<br><br>(ID) | EW10<br>Giving the best in science: from us/to us               |                                                               |
| 11:00-13:00                                                                  |                                                                                                                  |                                                                            |                                                                 |                                                               |
| EW16<br>Forensic microbiology – current and future challenges<br><br>(CM)    | EW17<br>Infection prevention and control measures in Europe 2020                                                 | EW18<br>Laboratory support in the diagnosis of Lyme borreliosis            | EW19<br>Basic concepts of pharmacokinetics and pharmacodynamics |                                                               |
| 13:00-13:30 Lunch Break / ePoster and Poster Viewing                         |                                                                                                                  |                                                                            |                                                                 |                                                               |
| 13:30-15:30                                                                  |                                                                                                                  |                                                                            |                                                                 |                                                               |
| IS01<br>Integrated Symposium                                                 | IS02<br>Integrated Symposium                                                                                     | IS03<br>Integrated Symposium                                               | IS04<br>Integrated Symposium                                    |                                                               |
| 15:30-16:30 Coffee Break / Poster Session                                    |                                                                                                                  |                                                                            |                                                                 |                                                               |
| 16:30-18:30                                                                  |                                                                                                                  |                                                                            |                                                                 |                                                               |
| IS06<br>Integrated Symposium                                                 | SY09<br>Maternal immunizations to prevent newborn infections                                                     | IS07<br>Integrated Symposium                                               |                                                                 | OS03<br>New trends emerging from epidemiological observations |
| 19:00 Opening Ceremony followed by Networking Reception                      |                                                                                                                  |                                                                            |                                                                 |                                                               |

# Scientific Programme Overview

Sunday, 26 April 2015

| Hall L                                                                                                                                                   | Hall M                                                                                        | Hall N                                                                                                                                                                                  | Hall I                                                                                                                                              | Hall J                                                                                                                                                   | Hall K                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07:45-08:45                                                                                                                                              |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| ME04<br>How to integrate molecular platforms in the laboratory?<br><br> | ME05<br>What is important in intestinal microbiota transplantation?                           | ME06<br>Preventing infection in the operating room. What do we know? Where do we go from here?<br><br> | ME01<br>Screening and prophylaxis of migrants                                                                                                       | ME02<br>How and when to treat patients with infections due to <i>Mycobacterium abscessus</i> and other NTMs                                              | ME03<br>Emerging and re-emerging haemorrhagic fever – epidemiology and treatment                                                                                |
| Hall A                                                                                                                                                   | Hall B                                                                                        | Hall C                                                                                                                                                                                  | Hall D                                                                                                                                              | Hall E                                                                                                                                                   | Hall F                                                                                                                                                          |
| 09:00-11:00                                                                                                                                              |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| SY10<br>The year in Infection Control                                                                                                                    | OS30<br>Around the tropical world in ten presentations                                        | OS05<br>Detection of carbapenemases<br><br>                                                            | SY11<br>Antibacterial treatment: how short is long enough?<br><br> | SY12<br>Genomics in infectious diseases and clinical microbiology                                                                                        | IS08<br>Integrated Symposium                                                                                                                                    |
| 11:00-11:30 Coffee Break / Poster and ePoster Viewing                                                                                                    |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| 11:30-12:30                                                                                                                                              |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| KL01<br>Excellence Award Ceremony & Lecture: The modern ICU: are antibiotics used to save the patients or to soothe the minds of the doctors?            | SY14<br>Benefits and challenges of site-specific breakpoints                                  | SY15<br>Vector-pathogen interaction: implications in disease dynamics                                                                                                                   | SY16<br>What is responsible use of antibiotics?<br><br>          | SY17<br>Recent top papers in paediatric infectious diseases<br><br> | OS07<br>Pioneering diagnostics beyond genomics and MALDI-TOF                                                                                                    |
| 12:30-14:30 Lunch Break / ePoster and Poster Sessions                                                                                                    |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| 14:30-15:30                                                                                                                                              |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| KL03<br>Infection control in settings of respiratory viruses including MERS                                                                              | SY18<br>Can PK/PD provide all the answers for breakpoints & antibiotic dosing? Pro-Con Debate | OS11<br>Drug discovery                                                                                                                                                                  | KL04<br>Chasing beta-lactamases in times of economic difficulties                                                                                   |                                                                                                                                                          | SY19<br>Pneumococcal conjugate vaccine for adults – Pro-Con debate<br><br> |
| 15:30-16:00 Coffee Break / Poster and ePoster Viewing                                                                                                    |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| 16:00-18:00                                                                                                                                              |                                                                                               |                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                                 |
| SY22<br>Dynamics of autochthonous vector-borne viral diseases in Europe                                                                                  | IS12<br>Integrated Symposium                                                                  | SY23<br>Evidence base for prevention of surgical site infections – Pro-Con debates                                                                                                      | SY24<br>Challenges in fungal infections                                                                                                             | SY25<br>Pathophysiology and treatment of group A streptococcal infections: where are we going?                                                           | IS13<br>Integrated Symposium                                                                                                                                    |

● Educational Workshops    ● 2-hour Symposia    ● Keynote Lectures  
 ● Meet-the-Experts    ● 1-hour Oral Sessions    ● Integrated Symposia are not included in main event CME/CPD credit.  
 ● 1-hour Symposia    ● 2-hour Oral Sessions    Please refer to the Integrated Symposia and Exhibition Guide for session details.

Sessions specifically interesting for (ID) Infectious Diseases Fellows (CM) Microbiologists (IC) Infection Control Practitioners

| Hall G                                                                                      | Hall H                                                                                                         | Hall I                                                                 | Hall J                                                                                                               | Hall K                                                    |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 09:00-11:00                                                                                 |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| IS09<br>Integrated Symposium                                                                | IS10<br>Integrated Symposium                                                                                   | IS11<br>Integrated Symposium                                           | SY13<br>Current topics in tuberculosis                                                                               | OS06<br>Severe infections in children<br><br>(ID)         |
| 11:00-11:30 Coffee Break / Poster and ePoster Viewing                                       |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| 11:30-12:30                                                                                 |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| OS08<br>Role of food-producing and companion animals in the spread of multi-drug resistance | KL02<br>Current trends in global fungal epidemiology and resistance                                            | OS09<br>Advances in mycobacterial infections                           | SY49<br>Viral recurrence post-transplant                                                                             | OS10<br>Vaccination: experimental and clinical correlates |
| 12:30-14:30 Lunch Break / ePoster and Poster Sessions                                       |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| 14:30-15:30                                                                                 |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
|                                                                                             | SY20<br>Recent top papers in fungal infection                                                                  | OS12<br>No guts, no resistance: <i>Enterococcus</i> conquers the world | SY21<br>Efficacy and side effects of neuraminidase inhibitors for influenza: who should be treated and who not? (ID) |                                                           |
| 15:30-16:00 Coffee Break / Poster and ePoster Viewing                                       |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| 16:00-18:00                                                                                 |                                                                                                                |                                                                        |                                                                                                                      |                                                           |
| IS14<br>Integrated Symposium                                                                | SY26<br>Applying behaviour theory to the real world: lessons learnt from large hand hygiene trials<br><br>(IC) | IS15<br>Integrated Symposium                                           | OS13<br>Trends in antimicrobial resistance                                                                           | OS14<br>Host defense modulation                           |



## Scientific Programme Overview

Monday 27 April, 2015

| Hall L                                                                                                                                           | Hall M                                                                                                             | Hall N                                                                                                                                                   | Hall I                                                                                                                                                                                                    | Hall J                                                                                                                                                          | Hall K                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07:45-08:45                                                                                                                                      |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| ME10<br>How to adapt dosing in critically ill patients?<br><br> | ME11<br>What bioinformatics tools do I use for whole-genome sequence (WGS)-based bacterial diagnostics and typing? | ME12<br>How to treat and manage patients with spondylodiscitis?<br><br> | ME07<br>Novel low-cost ultrasound applications to improve infectious disease diagnoses in resource-poor settings<br><br> | ME08<br>How to screen for carriage of carbapenem-resistant bacteria?<br><br> | ME09<br>Fungal outbreaks: hands up and do not breathe!                                                                                                                                        |
| Hall A                                                                                                                                           | Hall B                                                                                                             | Hall C                                                                                                                                                   | Hall D                                                                                                                                                                                                    | Hall E                                                                                                                                                          | Hall F                                                                                                                                                                                        |
| 09:00-11:00                                                                                                                                      |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| SY27<br>The year in Infectious Diseases                                                                                                          | IS16<br>Integrated Symposium                                                                                       | SY28<br>Clinical perspectives of human microbiome research                                                                                               | SY29<br>High-risk clones, changing the scenario of multidrug resistance world-wide                                                                                                                        | SY30<br>Refugees, migrants and infections                                                                                                                       | SY31<br>State-of-the-art in rapid diagnostics<br><br>                                                      |
| 11:00-11:30 Coffee Break / Poster and ePoster Viewing                                                                                            |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| 11:30-12:30                                                                                                                                      |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| KL05<br>Towards hepatitis C eradication<br><br>               | KL06<br>World immunization week 2015 – WHO perspectives on vaccines                                                | KL07<br>Systemic analysis of the human-associated microbiome in health and disease                                                                       | SY32<br>Sepsis update<br><br>                                                                                          | SY33<br>Hot topics in helminthic diseases                                                                                                                       | SY34<br>The next step in diagnostic bacteriology: assessing colony morphology by digital imaging<br><br> |
| 12:30-14:30 Lunch Break / ePoster and Poster Sessions                                                                                            |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| 14:30-15:30                                                                                                                                      |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| KL08<br>Analysis of social networks wording: how to understand and fight against vaccine scepticism                                              | SY36<br>Young Investigator Award Ceremony & Lectures                                                               | SY37<br>Phylogenomics for one health                                                                                                                     | SY38<br>Bloodstream infections and sepsis in the elderly: challenges and prospects<br><br>                             | OS21<br>Challenges in pneumococcal diseases induced by vaccination                                                                                              | OS22<br>New studies in antibacterial drug PK/PD<br><br>                                                  |
| 15:30-16:00 Coffee Break / Poster and ePoster Viewing                                                                                            |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| 16:00-18:00                                                                                                                                      |                                                                                                                    |                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                 |                                                                                                                                                                                               |
| SY39<br>Poliomyelitis eradication: steps forwards and residual threats                                                                           | IS20<br>Integrated Symposium                                                                                       | SY40<br>News from basic science for clinical application in <i>Clostridium difficile</i> infection                                                       | OS27<br>Invasive fungal infections: what is new?                                                                                                                                                          | SY41<br>Hot topics in infective endocarditis<br><br>                       | IS21<br>Integrated Symposium                                                                                                                                                                  |

● Educational Workshops      ● 2-hour Symposia      ● Keynote Lectures  
 ● Meet-the-Experts      ● 1-hour Oral Sessions      ● Integrated Symposia are not included in main event CME/CPD credit.  
 ● 1-hour Symposia      ● 2-hour Oral Sessions      Please refer to the Integrated Symposia and Exhibition Guide for session details.

Sessions specifically interesting for (ID) Infectious Diseases Fellows (CM) Microbiologists (IC) Infection Control Practitioners

| Hall G                                                                             | Hall H                                                                                                          | Hall I                                                                                                   | Hall J                                                                       | Hall K                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------|
| 09:00-11:00                                                                        |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| IS17<br>Integrated Symposium                                                       | IS18<br>Integrated Symposium                                                                                    | IS19<br>Integrated Symposium                                                                             | OS15<br>New weapons to fight<br>healthcare-associated<br>infection           | OS16<br>Last man falling:<br>carbapenem resistance           |
| 11:00-11:30 Coffee Break / Poster and ePoster Viewing                              |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| 11:30-12:30                                                                        |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| OS17<br>ESBL emergence<br>versus control in low<br>prevalence settings             | SY35<br>Perspectives on<br>infectious diseases<br>in the era of new<br>immunomodulatory<br>and cancer therapies | OS18<br>Pneumonia: rapid<br>diagnosis in clinical<br>practice                                            | OS19<br>Epidemiology of<br>carbapenemases                                    | OS20<br>Towards a better<br>understanding of Lyme<br>disease |
| 12:30-14:30 Lunch Break / ePoster and Poster Sessions                              |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| 14:30-15:30                                                                        |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| OS23<br>Current topics in solid<br>organ transplant<br>infectious diseases<br>(ID) | KL09<br>Device-related<br>infection                                                                             | OS24<br>Now is the right time<br>to go very deep: recent<br>advances in molecular<br>typing<br>(IC) (CM) | OS25<br>Understanding the<br>microbiota: recent<br>breakthroughs             | OS26<br>Public health concerns<br>in STI transmissions       |
| 15:30-16:00 Coffee Break / Poster and ePoster Viewing                              |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| 16:00-18:00                                                                        |                                                                                                                 |                                                                                                          |                                                                              |                                                              |
| IS22<br>Integrated Symposium                                                       | SY42<br>Insights into biofilm-<br>associated infections                                                         | IS23<br>Integrated Symposium                                                                             | OS28<br>New antibacterial<br>agents – phase 2 and<br>phase 3 clinical trials | OS29<br>Advances in viral<br>diseases                        |

# Scientific Programme Overview

Tuesday 28 April 2015

| Hall L                                                                                                                                                                            | Hall M                                                                                                                                      | Hall N                                                                                                                         | Hall I                                                      | Hall J                                                                           | Hall K                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07:45-08:45                                                                                                                                                                       |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| ME16<br>How and when to use non-conventional drugs for treatment of Gram-negative pathogens?<br> | ME17<br>How do I treat aspergillosis and mucormycosis?<br> | ME18<br>Still culturing for gastrointestinal pathogens in your lab? What might you be missing?                                 | ME13<br>EUCAST: Frequently asked questions                  | ME14<br>How to organize and implement antimicrobial therapeutic drug monitoring? | ME15<br>When to start treatment: VAT (ventilator-associated tracheo-bronchitis) or VAP (pneumonia)?<br> |
| Hall A                                                                                                                                                                            | Hall B                                                                                                                                      | Hall C                                                                                                                         | Hall D                                                      | Hall E                                                                           | Hall F                                                                                                                                                                                     |
| 09:00-11:00                                                                                                                                                                       |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| SY43<br>Clinical Grand Rounds 2015                                                                                                                                                | SY44<br>Cutting-edge issues in translational pharmacodynamics and personalized antimicrobial therapy                                        | OS04<br>PCR-based diagnosis: what is new?<br> | SY45<br>What is hot in HIV/AIDS in 2015?                    | OS31<br>Insights from genomic pathogen analyses                                  | IS24<br>Integrated Symposium                                                                                                                                                               |
| 11:00-11:30 Coffee Break / Poster Viewing                                                                                                                                         |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| 11:30-12:30                                                                                                                                                                       |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| OS32<br>New frontiers in MALDI-TOF                                                                                                                                                | KL10<br>Behavioural science applications in antimicrobial stewardship and infection control                                                 | OS33<br>Emerging infectious diseases                                                                                           | KL11<br>Non-specific effects of vaccination: a game changer |                                                                                  | SY52<br>The pros and cons of manipulating the microbiome to prevent multidrug-resistant organisms                                                                                          |
| 12:30-13:30 Lunch Break / ePoster and Poster Viewing                                                                                                                              |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| 13:30-15:30                                                                                                                                                                       |                                                                                                                                             |                                                                                                                                |                                                             |                                                                                  |                                                                                                                                                                                            |
| SY53<br>The year in Clinical Microbiology                                                                                                                                         | SY54<br>Challenges in the clinical development of new antibacterial agents                                                                  | OS36<br><i>Staphylococcus aureus</i> : the prince of pathogens strikes back                                                    | SY55<br>New features in encephalitis                        | SY56<br>Towards malaria elimination                                              | SY57<br>Management of chronic viral hepatitis                                                                                                                                              |

- Educational Workshops
- Meet-the-Experts
- 1-hour Symposia

- 2-hour Symposia
- 1-hour Oral Sessions
- 2-hour Oral Sessions

- Keynote Lectures
- Integrated Symposia are not included in main event CME/CPD credit. Please refer to the Integrated Symposia and Exhibition Guide for session details.

Sessions specifically interesting for  Infectious Diseases Fellows  Microbiologists  Infection Control Practitioners

| Hall G                                                                | Hall H                                                                                                                                                                        | Hall I                                                                      | Hall J                                                                                                                                                                                                        | Hall K                                                                                                                                        |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-11:00                                                           |                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                               |                                                                                                                                               |
| IS25<br>Integrated Symposium                                          | SY46<br>Barriers and facilitators – challenges to implementing infection control bundles<br> | IS26<br>Integrated Symposium                                                | SY47<br>A systems biology approach to understanding infections                                                                                                                                                |                                                                                                                                               |
| 11:00-11:30 Coffee Break / Poster Viewing                             |                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                               |                                                                                                                                               |
| 11:30-12:30                                                           |                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                               |                                                                                                                                               |
| OS34<br>Antimicrobial tolerance of biofilms: mechanisms and solutions | SY50<br>Fungal PCR<br>                                                                     | SY51<br>Molecular typing as a tool for the control of MDR and XDR organisms | SY48<br>Progressive multifocal leukoencephalopathy in HIV-infected and non-HIV-infected patients: what is new in 2015<br> | OS35<br>Clinical aspects of mycobacterial infections<br> |
| 12:30-13:30 Lunch Break / ePoster and Poster Viewing                  |                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                               |                                                                                                                                               |
| 13:30-15:30                                                           |                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                               |                                                                                                                                               |
| OS37<br>Dealing with <i>Clostridium difficile</i>                     | SY58<br>Bloodstream infections in the era of MDR and XDR Gram-negative bacteria<br>        | IS27<br>Integrated Symposium                                                | SY59<br>New preventive strategies in urinary tract infection                                                                                                                                                  | OS38<br>Topics in bacterial pathogenesis                                                                                                      |

Saturday, 25 April 2015  
 25th ECCMID 2015, Copenhagen, Denmark

# Don't miss the TAE Trainees Day with new exciting format!



For this year's TAE Trainees Day at ECCMID, the Trainee Association of ESCMID (TAE) has launched a brand-new and exciting format which is called "everything you always wanted to discuss directly with an expert". The participants will apply for the expert(s) of their choice to talk about their dynamic career, highlights of their job, their responsibilities, and possibilities for career building after finishing the training period. Two sessions with 10 round tables each will be hosted in total by 20 renowned experts with different profiles in the fields of clinical microbiology and infectious diseases.

#### Also prepared in collaboration with TAE

Saturday, 25 April 2015, 08:45 – 10:45, Hall J  
 Giving the best in science: from us/to us

Saturday, 25 April 2015, 11:00 – 13:00, Hall G  
 Forensic microbiology – current and future challenges

Saturday, 25 April 2015, 11:00 – 13:00, Hall F  
 Vaccination of immunocompromised and allergic patients – are we missing the obvious?

#### Saturday, 25 April 2015, 13:30 – 16:15, Hall M/N

- 13:30 TAE welcome address and introduction to the new Trainees Day concept.  
*P. Maver, Ljubljana, SI*
- 13:45 TAE Award Ceremony.
- 14:00 Round table session I (Hall L)\*
- 14:30 Break
- 15:00 Three speeches from Young Investigator Awardees.  
*C. Garcia Vidal, J. Roberts & R. Sleator*
- 15:30 Round table session II (Hall L)\*
- 16:00 Closing and wrap-up.
- 16:15 End of session

\* Voucher required

VISIT TAE!  
 IN THE ESCMID WORLD  
 AT ECCMID COPENHAGEN

[www.eccmid.org](http://www.eccmid.org)  
[www.escmid.org/tae](http://www.escmid.org/tae)  
[tae@escmid.org](mailto:tae@escmid.org)  
[www.facebook.com/ESCMID.TAE](https://www.facebook.com/ESCMID.TAE)

TAE – Trainee Association of ESCMID

# CME Accreditation

## Educational Objectives

After attending this event, participants should be able to:

- Address individual needs in compliance with their Continuous Professional Development (CPD) plan
- Exchange ideas and knowledge in the field of microbiology and infectious disease across continents, institutions and individuals
- Discuss the latest research outcomes in the field of antimicrobials, molecular biology, virology and infection control.
- Discuss the latest research outcomes in the field of infectious diseases, microbiology and research
- Discuss outcomes of the latest studies in Europe in the field of public health and vaccines
- Summarize good and bad immune responses
- Discuss diagnostics, therapeutics and prevention in the field of infectious diseases

## Target Audience

ECCMID 2015 is the global meeting place for microbiologists, infectious disease specialists and related fields. Because of the diverse, clinically focused educational offering, participants are able to tailor the curriculum to meet the needs of international clinicians of all levels of experience.

## Accreditation Statement and Credit Designation

### European Accreditation Council for Continuing Medical Education (UEMS/EACCME)

The **25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)** is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS): [www.uems.net](http://www.uems.net)

The **25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)** is designated for a maximum of, or up to, **23** European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

### American Medical Association (AMA)

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of **AMA PRA Category 1 Credits™**. Information on the process to convert EACCME credit to AMA credit can be found at [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme)

### Royal College of Physicians and Surgeons of Canada

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: [www.royalcollege.ca](http://www.royalcollege.ca)

## Credit Breakdown

Each participant should claim only those hours of credit that he/she actually spent in the educational activity.

| Day                     | Maximum Credits |
|-------------------------|-----------------|
| Saturday, 25 April 2015 | 6               |
| Sunday, 26 April 2015   | 6               |
| Monday, 27 April 2015   | 6               |
| Tuesday, 28 April 2015  | 5               |
| <b>Total Credits:</b>   | <b>23</b>       |

## To Receive Your CME/CPD Certificate

All participants that would like to claim their CME credits need to fill in the evaluation form provided through the app, website or onsite CME stations.

### First step – Evaluation of attended sessions

In order to evaluate the session, participants need to follow these steps:

1. At the end of each session, the participant will click on the 'Rate this session' button in the congress app.
2. For those who don't use the congress app, the evaluation is also available on the ECCMID website or via the onsite CME kiosks.
3. Login with your unique CME ID (printed on your badge)
4. Rate the session\*.

\*All evaluations will be saved once you confirm and log out.

### Second step – Complete the CME survey

After or during the congress, each participant who completed the evaluation of attended sessions will need to complete the CME survey.

1. The CME Survey can be completed on any computer or mobile device through the ECCMID website or via the onsite CME kiosks.
2. Login with your unique CME ID (printed on your badge).
3. Complete the CME survey.
4. Once the participant completes the survey, they will be able to receive the certificate of attendance including the CME points accumulated.

\*All evaluations will be saved once you confirm and log out.

**Please note – the onsite CME kiosks and the CME evaluation questionnaire will only be available from 15:00 on Monday, 27 April 2015.**

## To receive the CME/CPD certificate after the congress:

CME/CPD certificates can be claimed from any computer through the ECCMID website ([www.eccmid.org](http://www.eccmid.org)). You will receive your certificate by email after completing the session and general evaluation. Please note, that the email address, which was submitted during the registration process will receive the email. In case of problems, please contact [secretariat@eccmid.org](mailto:secretariat@eccmid.org). We thank you for your feedback, as it is an important part of the CME/CPD accreditation process and helps improve future educational offerings.

## Disclosure and Resolution of Personal Conflicts of Interest

In accordance with CME/CPD accreditation criteria and standards for commercial support to ensure balance, independence, objectivity, and scientific rigour, those in control of the educational content must disclose potential or actual conflicts of interest. Disclosure information is evaluated and conflicts of interest resolved. Disclosure is made to participants prior to the activity. Participants will be asked on the evaluation to assess the objectivity and independence of the event. Disclosure information can be viewed on the congress website under the CME information pages.

# Introduction to the Scientific Programme

## Educational Workshops

At the beginning of ECCMID, on Saturday morning, 25 April 2015, from 08:45 – 13:00 a series of Educational Workshops will take place. They are organized in cooperation with ESCMID Study Groups, the Trainee Association of ESCMID and partnering organizations. Participation in Educational Workshops is free of charge and corresponding educational material is available online on the congress website. Some of the Educational Workshops decided for an interactive session set-up which includes a Q&A system via mobile devices.

## Meet-the-Expert Sessions

Sunday through Tuesday, the day will start at 7:45 with Meet-the-Expert Sessions led by experts in their fields. These sessions depend on active participation of the audience. After a short presentation, the expert will open the session for discussion. Coffee will be offered.

## TAE Trainees Day

On Saturday, 25 April 2015, 13.30 – 16.15 the Trainee Association of ESCMID (TAE) organizes the European Trainees Day, a day dedicated to the unique needs of trainees. For this year's TAE Trainees Day at ECCMID, the Trainee Association of ESCMID (TAE) has launched a brand-new and exciting format which is called "everything you always wanted to discuss directly with an expert". Two sessions with 10 round tables each will be hosted in total by 20 renowned experts with different profiles in the fields of clinical microbiology and infectious diseases. Please click here for more information and registration.

When: Saturday, 25 April 2015, 13:30 – 16:15, Hall L.

## Keynote and Award Lectures

Sunday through Tuesday at 11:30 and 14:30, lectures of 60 minutes will be given by opinion leaders in their fields as well as by the winner of the ESCMID Excellence Award 2015.

## Symposia

On Saturday between 8:45 – 13:00 and from 13:30 – 18:30 and on Sunday and Monday from 9:00 – 12:30 and from 14:30 – 18:00, parallel symposia will convene renowned speakers from Europe and other continents who will cover a wide range of recent developments in their fields. On Tuesday, 28 April 2015, the last round of symposia takes place from 13:30 – 15:30. A number of symposia are arranged in cooperation with ESCMID Study Groups, while others are jointly organized with partnering societies or organizations.

Symposia arranged by the industry are organized in close cooperation with the ECCMID Programme Committee. For details please see the Integrated Symposia and Exhibition Guide.

## Oral Sessions

During the same time slots as the before mentioned symposia, you will also find sessions composed of abstracts selected for oral presentation, which are indicated by the prefix "O" in front of the programme numbers. The presenting author is indicated with an asterisk (\*).

## ePoster Presentations

Selected ePosters have been scheduled for ePoster presentation from 25 – 28 April 2015 in parallel to the Poster Sessions. ePoster Presenters must be present at the indicated ePoster Area for presentation and discussion (see page 80 for details). The presenting author is indicated by an asterisk (\*). The ePoster Presentations will be moderated by an expert assigned by the Programme Committee.

## Poster Sessions

Most of the accepted abstracts are scheduled for poster presentation from Saturday through Tuesday. The selection is based on a blind review by at least three experts in each field. The posters are displayed in the Poster Area. The poster area is open to all participants on Saturday from 12.00 – 18.30, on Sunday and Monday from 9:00 – 17:30 and on Tuesday from 9:00 – 15:00. Please note that posters are exchanged on a daily basis. Poster authors must be present at their posters for discussion during their poster session (see page 101 for details). The presenting author is indicated by an asterisk (\*).

## ePoster Viewing

ePosters have been divided in categories, which will be displayed all 4 congress days on 50 ePoster stations within the Bella Center, on the mobile website and application of the congress. The new ePoster format will give participants the possibility to interact with presenters and send the ePoster by email (see page 191). The presenting author is indicated by an asterisk (\*).

The following prefixes have been used throughout the programme:

- EW = Educational Workshop
- KL = Keynote Lecture
- SY = Symposium
- ME = Meet-the-Expert Session
- O = Oral Session
- P = Poster Session
- EP = ePoster Presentation
- EV = ePoster Viewing
- IS = Integrated Symposium

Sessions specifically interesting for:

- ⑩ Infectious Diseases Fellows
- ① Microbiologists
- ① Infection Control Practitioners

# ESCMID Business Meetings

## Saturday, 25 April 2015

13:00 – 14:00 **CMI & NMNI Reception**  
Hall 20

18:15 – 19:15 **ESGCD Business Meeting**  
Room 20

18:15 – 19:15 **ESGIE Business Meeting**  
Room 24:25

18:15 – 19:15 **ESGITM Business Meeting**  
Room 17

## Sunday, 26 April 2015

09:00 – 10:30 **EUCAST AFST General Committee Meeting (open)**  
Room 19

12:00 – 14:00 **ESGIAI Business Meeting**  
Hall L

13:15 – 14:15 **ESGARS Business Meeting**  
Room 6

13:15 – 14:15 **ESGBIS Business Meeting**  
Hall M

13:15 – 14:15 **ESGCP Business Meeting**  
Room 5

13:15 – 15:15 **ESGFOR Business Meeting**  
Room 17

13:15 – 14:15 **ESGIB Business Meeting**  
Room 19

13:15 – 14:15 **ESGICH Business Meeting**  
Room 20

13:15 – 14:15 **ESGNI Business Meeting**  
Room 7

13:15 – 14:15 **ESGVH Business Meeting**  
Room 16

13:15 – 15:15 **ESGVM Business Meeting**  
Hall N

13:15 – 14:15 **EVASG Business Meeting**  
Room 24:25

17:00 – 18:00 **ESGAP Business Meeting**  
Room 5

18:15 – 19:15 **ESGS Business Meeting**  
Hall L

18:15 – 19:15 **EFISG Business Meeting**  
Room 19

18:15 – 19:15 **EFWISG Business Meeting**  
Room 7

18:15 – 19:15 **EPASG Business Meeting**  
Hall M

18:15 – 19:15 **ESGLI Business Meeting**  
Hall N

18:15 – 19:15 **ESGMI Business Meeting**  
Room 6

18:15 – 19:15 **ESGMYC Business Meeting**  
Room 16

13:15 – 14:15 **ESGMD Business Meeting**  
Room 21

## Monday, 27 April 2015

09:00 – 12:00 **CAESAR Meeting**  
Room N

13:00 – 14:30 **EUCAST General Committee Meeting (open)**  
Hall N

13:15 – 14:15 **ESGAI Business Meeting**  
Room 17

13:15 – 14:15 **ESGB Business Meeting**  
Room 7

13:15 – 14:15 **ESGBOR Business Meeting**  
Room 20

13:15 – 14:15 **ESGCIP Business Meeting**  
Room 6

13:15 – 14:15 **ESGEM Business Meeting**  
Room 19

14:15 – 15:15 **ESGAI ENRIA Meeting**  
Room 17

16:30 – 17:30 **VetCAST Meeting (open)**  
Room 6

18:00 – 18:30 **European Council Meeting**  
Hall N

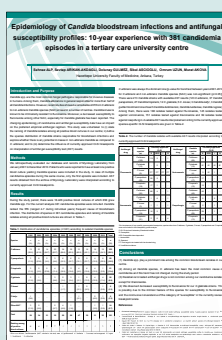
18:30 – 20:00 **ESCMID General Assembly**  
Hall L

*If you cannot find the meeting you are looking for,  
contact our staff at the ESCMID World!*





# find lectures, abstracts, posters ... online



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**ESCMID**

EUROPEAN SOCIETY  
OF CLINICAL MICROBIOLOGY  
AND INFECTIOUS DISEASES

Saturday, 25 April 2015

## EW01

8:45 - 12:45

Hall A

**4-HOUR EDUCATIONAL WORKSHOP:****Antimicrobial susceptibility testing with EUCAST breakpoints and methods**

Chairs: Gunnar Kahlmeter (Växjö, Sweden)  
Rafael Canton Moreno (Madrid, Spain)

E000 8:45 Introduction

E001 8:55 Update on EUCAST methods and breakpoints  
Rafael Canton Moreno (Madrid, Spain)

E002 9:15 Antifungal breakpoints and susceptibility testing  
Susan J. Howard (Manchester, United Kingdom)

E003 9:35 New carbapenemase inhibitors — how should they be tested?  
Johan W. Mouton (Rotterdam, Netherlands)

E004 9:55 National introduction of EUCAST breakpoints and methods  
Iztok Strumbelj (Murska Sobota, Slovenia)

E005 10:15 Moderated panel discussion on questions from the audience  
Alasdair P. MacGowan (Bristol, United Kingdom)

E006 10:45 Coffee Break

E007 11:15 Clindamycin susceptibility testing and reporting  
Derek F.J. Brown (Peterborough, United Kingdom)

E008 11:35 Expert rules in antimicrobial susceptibility testing  
Sören G. Gatermann (Bochum, Germany)

E009 11:55 Susceptibility testing of new and revived antimicrobial agents  
Ronald N. Jones (North Liberty, IA, United States)

E010 12:15 Moderated panel discussion on questions from the audience  
Alasdair P. MacGowan (Bristol, United Kingdom)

Coorganized with: EUCAST

## EW02



8:45 - 10:45

Hall B

**2-HOUR EDUCATIONAL WORKSHOP:****Management of severe sepsis and septic shock anno 2015**

Chairs: W. Joost Wiersinga (Amsterdam, Netherlands)  
Tom Van Der Poll (Amsterdam, Netherlands)

E011 8:45 Severe sepsis: news from the bench  
Jean Marc Cavaillon (Paris, France)

E012 9:15 Severe sepsis management issues in special hosts  
Evangelos Giamarellos-Bourboulis (Athens, Greece)

E013 9:45 Biomarkers in severe sepsis: when do they help?  
Mervyn Singer (London, United Kingdom)

E014 10:15 Interactive Panel Discussion with the Faculty.  
Questions can be submitted in advance or live during the session

Coorganized with: ESGBIS, International Sepsis Forum (ISF)

## EW03

8:45 - 10:45

Hall C

**2-HOUR EDUCATIONAL WORKSHOP:****Optimizing antifungal therapy — bridging laboratory and clinical expertise**

Chairs: Manuel Cuenca-Estrella (Madrid, Spain)  
Johan Maertens (Leuven, Belgium)

E015 8:45 Can we start or stop antifungal therapy based on biomarkers detection?  
Oliver A. Cornely (Cologne, Germany)

E016 9:15 Where does TDM make sense?  
Joseph Meletiadis (Athens, Greece)

E017 9:45 Does antifungal resistance occur everywhere?  
Maiken C. Arendrup (Copenhagen, Denmark)

E018 10:15 New antifungals in the pipeline  
Sevtap Arikan-Akdagli (Ankara, Turkey)

Coorganized with: EFISG

Saturday, 25 April 2015

## EW04

8:45 - 10:45

Hall D

**2-HOUR EDUCATIONAL WORKSHOP:****Community-acquired MRSA 2015: what, where and why?**

Chairs: Francois Vandenesch (Bron, France)  
Hajo Grundmann (Groningen, Netherlands)

- E019 8:45 CA-MRSA definition (CA, HA, LA) and epidemiology**  
Robert L. Skov (Copenhagen, Denmark)
- E020 9:15 CA-MRSA emergence and virulence: insights from genomics**  
Ulrich Nuebel (Braunschweig, Germany)
- E021 9:45 Management of infections (CA-MRSA & PVL-MSSA) and outbreaks**  
Gillet Yves (Lyon, France)
- E022 10:15 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGS, ESGEM

## EW05

8:45 - 10:45

Hall E

**2-HOUR EDUCATIONAL WORKSHOP:****The impact of diagnostics on clinical tuberculosis management**

- Chairs: Jon S. Friedland (London, United Kingdom)  
Emmanuelle Cambau (Paris, France)
- E023 8:45 PCR and direct amplification for TB**  
Emmanuelle Cambau (Paris, France)
- E024 9:15 Biomarkers**  
Jon S. Friedland (London, United Kingdom)
- E025 9:45 Interferon-gamma assays**  
Martina Sester (Homburg/Saar, Germany)
- E026 10:15 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGMYC

## EW06



8:45 - 10:45

Hall F

**2-HOUR EDUCATIONAL WORKSHOP:****How to improve compliance with vaccination?**

Chairs: Lucia Pastore Celentano (Stockholm, Sweden)  
Roman Prymula (Hradec Králové, Czech Republic)

- E027 8:45 Increasing vaccination in children**  
Susanna Esposito (Milan, Italy)
- E028 9:15 Increasing vaccination in healthcare workers?**  
Gaetan Gavazzi (Grenoble, France)
- E029 9:45 Increasing vaccination in older adults?**  
Johan Flamaing (Leuven, Belgium)
- E030 10:15 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGIE, EVASG

## EW07

8:45 - 10:45

Hall G

**2-HOUR EDUCATIONAL WORKSHOP:****Mycoplasma pneumoniae: epidemiology, diagnosis and treatment**

Chairs: Cecile Bebear (Bordeaux, France)  
Margareta Ieven (Edegem, Belgium)

- E031 8:45 Clinical syndromes associated with Mycoplasma pneumoniae infections**  
Ran Nir-Paz (Jerusalem, Israel)
- E032 9:15 Molecular typing of Mycoplasma pneumoniae and epidemiology infections**  
Victoria Chalker (London, United Kingdom)
- E033 9:45 Diagnosis of Mycoplasma pneumoniae infections**  
Margareta Ieven (Edegem, Belgium)
- E034 10:15 Treatment of Mycoplasma pneumoniae infections: antibiotic resistance and therapeutic options**

Cecile Bebear (Bordeaux, France)

Coorganized with: ESGMD, ESGMI

Saturday, 25 April 2015

EW08

IC

8:45 - 10:45

Hall H

**2-HOUR EDUCATIONAL WORKSHOP:****Infection control issues in long-term care facilities, rehabilitation and continuity of care**Chairs: *Leonardo Pagani (Bolzano, Italy)**Khetam Hussein (Haifa, Israel)*

**E035 8:45 Transmission of MDROs in LTCFs and management of the MDR colonised patients in the continuity of care**

*Yehuda Carmeli (Tel Aviv, Israel)*

**E036 9:15 Management of MDR carriers and MDR outbreaks in the LTCFs**

*Maria L. Moro (Bologna, Italy)*

**E037 9:45 Antibiotic use and effect on the selection on MDR-GN in LTCF**

*M. Adriana Cataldo (Rome, Italy)*

**E038 10:15 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGIE

EW09

ID

8:45 - 10:45

Hall I

**2-HOUR EDUCATIONAL WORKSHOP:****Lesions in the nervous system: could it be a parasite?**Chairs: *Eskild Petersen (Aarhus, Denmark)**Lia Monica Junie (Cluj Napoca, Romania)*

**E039 8:45 Imaging and cerebral infections**

*Majda Thurnher (Vienna, Austria)*

**E040 9:15 Cysticercosis**

*Andrea S. Winkler (Munich, Germany)*

**E041 9:45 Cerebral malaria**

*Arjan Dondorp (Bangkok, Thailand)*

**E042 10:15 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGCP

EW10

8:45 - 10:45

Hall J

**2-HOUR EDUCATIONAL WORKSHOP:****Giving the best in science: from us/to us**Chairs: *Annelies Zinkernagel (Zurich, Switzerland)**Joana Cortez (Coimbra, Portugal)*

**E043 8:45 Key points to produce a high-quality systematic review**

*Harriet MacLehose (London, United Kingdom)*

**E044 9:15 How to interpret a systematic review and meta-analysis**

*Enrico Girardi (Rome, Italy)*

**E045 9:45 Grants: what a reviewer of a grant application wants to read**

*Matthew E. Falagas (Athens, Greece)*

**E046 10:15 Papers: what a reviewer of an article wants to read**

*Mical Paul (Haifa, Israel)*

Coorganized with: TAE

EW11

ID

11:00 - 13:00

Hall B

**2-HOUR EDUCATIONAL WORKSHOP:****"Final destination ICU" — cases of severely ill travellers**Chairs: *Hakan Leblebicioglu (Samsun, Turkey)**Haibo Qiu (Nanjing, China)*

**E047 11:00 Fever with haemorrhagic manifestations**

*Hakan Leblebicioglu (Samsun, Turkey)*

**E048 11:30 Seizures and coma in a traveller returning from the tropics**

*Garyfallia Poulakou (Athens, Greece)*

**E049 12:00 Severe respiratory infections during and after travel**

*Nicholas J. Beeching (Liverpool, United Kingdom)*

**E050 12:30 Protection from highly contagious disease in the ICU**

*Allison McGeer (Toronto, Canada)*

Coorganized with: ESGCIP, ESGITM

Saturday, 25 April 2015

EW12 

11:00 - 13:00

Hall C

**2-HOUR EDUCATIONAL WORKSHOP:****Whole genome sequencing — what the heck?**

Chairs: Hajo Grundmann (Groningen, Netherlands)

Ana Budimir (Zagreb, Croatia)

**E051 11:00 Traditional typing efforts in the era of whole genome sequencing: how disruptive is disruptive?**

Dag Harmsen (Münster, Germany)

**E052 11:30 Whole genome sequencing for microepidemiological investigations: can person-to-person transmission be identified?**

Matthew Holden (Cambridge, United Kingdom)

**E053 12:00 Whole genome sequencing and the promise to know it all: what could inform the clinician?**

Frederic Laurent (Lyon, France)

**E054 12:30 Whole genome sequencing and public health: how can high-risk clones be identified and what can be learned for prevention and control?**

Edward Feil (Bath, United Kingdom)

Coorganized with: ESGEM

EW13

11:00 - 13:00

Hall D

**2-HOUR EDUCATIONAL WORKSHOP:****Multidrug-resistant bacteria and immunosuppression: emerging threats with limited therapeutic options**

Chairs: Claudio Viscoli (Genoa, Italy)

Murat Akova (Ankara, Turkey)

**E055 11:00 Multidrug-resistant bacteria in haematology patients**

Malgorzata Mikulska (Genoa, Italy)

**E056 11:30 Multidrug-resistant bacteria in solid organ-transplant recipients**

José Maria Aguado Garcia (Madrid, Spain)

**E057 12:00 Organ transplantation as a salvage for patients with persistent infection due to multidrug-resistant organisms?**

Paolo A. Grossi (Varese, Italy)

**E058 12:30 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGICH

EW14

11:00 - 13:00

Hall E

**2-HOUR EDUCATIONAL WORKSHOP:****ESCMID guideline for the diagnosis and treatment of biofilm infections**

Chairs: Niels Hoiby (Copenhagen, Denmark)

Werner Zimmerli (Liestal, Switzerland)

**E059 11:00 Genetics, physiology, pathology and antibiotic resistance of biofilms in infections**

Niels Hoiby (Copenhagen, Denmark)

**E060 11:30 Diagnosis of biofilm infections**

Luanne Hall-Stoodley (Columbus, OH, United States)

**E061 12:00 Treatment of biofilm infections**

Werner Zimmerli (Liestal, Switzerland)

**E062 12:30 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: ESGB

EW15



11:00 - 13:00

Hall F

**2-HOUR EDUCATIONAL WORKSHOP:****Vaccination of immunocompromised and allergic patients — are we missing the obvious?**

Chairs: Ron Dagan (Beer-Sheva, Israel)

Chrysanthi Skevaki (Athens, Greece)

**E063 11:00 Update on vaccination of oncology patients**

Per Ljungman (Stockholm, Sweden)

**E064 11:30 Vaccines and altered immunocompetence — the impact of treatment with biological agents**

Oriol Manuel (Lausanne, Switzerland)

**E065 12:00 Influenza vaccination among asthmatic children and adults**

Susanna Esposito (Milan, Italy)

**E066 12:30 Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: EVASG, ESGICH, TAE

Saturday, 25 April 2015

EW16



11:00 - 13:00

Hall G

**2-HOUR EDUCATIONAL WORKSHOP:****Forensic microbiology — current and future challenges**

Chairs: Kanita Dedic (Bihac, Bosnia and Herzegovina)  
Amparo Fernandez-Rodriguez (Madrid, Spain)

E067 11:00 **Cardiac pathology and viral infections causing sudden death**  
Laurent Andreoletti (Reims, France)

E068 11:30 **Microbial population analysis in forensic investigations**  
Frederike Quaak (The Hague, Netherlands)

E069 12:00 **Standardization in microbiological forensic sampling: approaching high-quality results**  
Amparo Fernandez-Rodriguez (Madrid, Spain)

E070 12:30 **Poisonous spaghetti? Public-health concern of forensic microbiology and pathology**  
Wim Van de Voorde (Leuven, Belgium)

Coorganized with: TAE, ESGFOR

EW17

11:00 - 13:00

Hall H

**2-HOUR EDUCATIONAL WORKSHOP:****Infection prevention and control measures in Europe 2020**

Chairs: Marc J. Struelens (Stockholm, Sweden)  
Andreas F. Widmer (Basel, Switzerland)

E071 11:00 **The gatekeeper: diagnostic-based infection control**  
Herman Goossens (Edegem, Belgium)

E072 11:30 **Finding the epidemiological hub: pareto-principle in surveillance, infection prevention and control**  
Dirk Brockmann (Berlin, Germany)

E073 12:00 **Eyes for the invisible: microfluidic paper-based analytics (µPads) and third-generation sequencing in clinical microbiological**  
John W.A. Rossen (Groningen, Netherlands)

E074 12:30 **Bridging the gap: infection prevention as the common trunk between clinical microbiology and infectious disease?**  
Jesús Rodríguez-Baño (Seville, Spain)

Coorganized with: ESGEM, ESGMD, EUCIC

EW18

11:00 - 13:00

Hall I

**2-HOUR EDUCATIONAL WORKSHOP:****Laboratory support in the diagnosis of Lyme borreliosis**

Chairs: Gerold Stanek (Vienna, Austria)  
Katharina Ornstein (Kristianstad, Sweden)

E075 11:00 **Borrelia serology from the perspective of the microbiologist - pros & cons**  
Gerold Stanek (Vienna, Austria)

E076 11:30 **Borrelia serology from the perspective of the infectious diseases specialist - pros & cons**  
Joppe W. R. Hovius (Amsterdam, Netherlands)

E077 12:00 **CSF examinations for diagnosis and treatment of Lyme neuroborreliosis**  
Tobias Rupprecht (Dachau, Germany)

E078 12:30 **PCR diagnostics in Lyme borreliosis**  
Tjasa Cerar (Ljubljana, Slovenia)  
Coorganized with: ESGBOR

EW19

11:00 - 13:00

Hall J

**2-HOUR EDUCATIONAL WORKSHOP:****Basic concepts of pharmacokinetics and pharmacodynamics**

Chairs: Ursula Theuretzbacher (Vienna, Austria)  
Johan W. Mouton (Rotterdam, Netherlands)

E079 11:00 **Introduction to PK/PD**  
Johan W. Mouton (Rotterdam, Netherlands)

E080 11:30 **Translating PK/PD concepts into the clinics**  
William W. Hope (Liverpool, United Kingdom)

E081 12:00 **Drug level monitoring and dosing recommendations - facts and myths**  
Hartmut Derendorf (Gainesville, FL, United States)

E082 12:30 **Interactive Panel Discussion with the Faculty. Questions can be submitted in advance or live during the session**

Coorganized with: EPASG



Saturday, 25 April 2015

## SY01

13:30 - 15:30

Hall B

**2-HOUR SYMPOSIUM:****New antibacterial drugs**

Chairs: Roger L. Nation (Melbourne, Australia)

Winfried V. Kern (Freiburg, Germany)

- S001 13:30 Drug pipeline for Gram-negative bacteria**  
Ursula Theuretzbacher (Vienna, Austria)
- S002 14:00 Drug pipeline for Gram-positive bacteria**  
Francoise van Bambeke (Brussels, Belgium)
- S003 14:30 Which role and indications for new oxazolidinones and glycopeptide antibiotics?**  
Evelina Tacconelli (Tübingen, Germany)
- S004 15:00 Which role and indications for new beta-lactams and beta-lactamase inhibitor-combinations?**  
David Livermore (Norwich, United Kingdom)

## SY02

13:30 - 15:30

Hall C

**2-HOUR SYMPOSIUM:****How *Staphylococcus aureus* evades host and treatment**

Chairs: Annelies Zinkernagel (Zurich, Switzerland)

Robert L. Skov (Copenhagen, Denmark)

- S005 13:30 Intracellular survival of *S. aureus***  
Eva Medina (Braunschweig, Germany)
- S006 14:00 New approaches for treating staphylococcal biofilm infections**  
Alexander R. Horswill (Iowa City, IA, United States)
- S007 14:30 How *Staphylococcus aureus* escapes the host immune system**  
Suzan H. M. Rooijackers (Utrecht, Netherlands)
- S008 15:00 Regulatory RNAs in *Staphylococcus aureus* virulence**  
Francois Vandenesch (Bron, France)

## OS01

13:30 - 15:30

Hall D

**2-HOUR ORAL SESSION:****Advancing hospital antibiotic stewardship**

Chairs: Pilar Retamar Gentil (Seville, Spain)

Diamantis Plachouras (Djursholm, Sweden)

- 0001 13:30 Selection of antibiotic-resistant bacteria is a predictable, severe, adverse drug event of the most used antibiotics in hospitalized patients**  
A. Gorska\* (Tübingen, Germany), G. Marasca, W. Schröder, E. Tacconelli
- 0002 13:42 Ecological impact of an educational antimicrobial stewardship programme on prescribing practice in a tertiary hospital centre**  
J.M. Cisneros\* (Seville, Spain), J.A. Lepe, M.V. Gil-Navarro, M.A. Pérez-Moreno, O. Neth, C. Ferrándiz, R. Amaya, J. Cano, A. Gutiérrez, R. Valencia, J. Molina, The PRIOAM Team
- 0003 13:54 Towards effective antimicrobial surveillance: results of the National Antimicrobial Prescribing Survey, a snapshot audit of prescribing practices in Australian hospitals**  
C. Chen\* (Melbourne, Australia), R. James, M. Cotta, K. Buising, C. Marshall, K. Thursky
- 0004 14:06 Computerized decision support system for antimicrobial stewardship and antibiotic guidance: a cohort study**  
A. Chow\* (Singapore, Singapore), A. Ang, D. Lye
- 0005 14:18 The effect of a smartphone application on antimicrobial prescribing trends – data from a multifaceted antimicrobial stewardship programme across three teaching hospitals**  
E. Charani\* (London, United Kingdom), M. Gharbi, L.S. Moore, E. Castro-Sanchez, M. Gilchrist, A.H. Holmes
- 0006 14:30 Do we need antimicrobial stewardship in the emergency room department for outpatients?**  
A. Dinh\* (Paris, France), J. Grenet, A. Beauchet, V. Sivadon-Tardy, C. Guyot, T. Tritz, M. Gerlinger, S. Beaune, J. Gaillard, C. Perronne
- 0007 14:42 Clinicians' acceptance pattern and perspectives on antimicrobial stewardship interventions at a major Canadian teaching hospital**  
C. Kwok\* (Vancouver, Canada), T. Lau, S. Shajari, J. Grant

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**0008 14:54 Non-compulsory antimicrobial stewardship intervention in broad-spectrum and long duration antimicrobial prescriptions: acceptance and results**

*P. Retamar Gentil\* (Seville, Spain), M. Macías, M. Núñez, E. Salamanca, L.E. López-Cortés, I. Morales, S. Sandoval, M. Beltrán, M. De Cueto, A. Suárez, J. Rodríguez-Baño*

**0009 15:06 Worrying trends in antibiotic use in French hospitals, 2008-2013**

*C. Dumartin\* (Paris, France), A. Rogues, M. Pefau, F. L'Heriteau, L. Lacave, X. Bertrand, S. Boussat, L. Mouchot, M. Giard, A. Machut, H. Senechal, S. Alfandari, A. Ingels, R. Gauzit, B. Schlemmer, A. Cremieux, P. Le Gonidec, S. Touratier, S. Maugat, S. Vaux*

**0010 15:18 Assessing antimicrobial stewardship programmes: a set of structure and process indicators for international use**

*D. Plachouras\* (Stockholm, Sweden), L.A. Pollack, R. Cochran, H. Gruhler, D.L. Monnet, J.T. Weber*

SY03



13:30 - 15:30

Hall E

**2-HOUR SYMPOSIUM:**

**Hot topics in culture-based diagnostics**

*Chairs: Jordi Vila Estape (Barcelona, Spain)  
Katja Seme (Ljubljana, Slovenia)*

**S009 13:30 MALDI-TOF: what is new?**

*Gilbert Greub (Lausanne, Switzerland)*

**S010 14:00 Automation of bacteriology: what is new?**

*Caroline Visser (Amsterdam, Netherlands)*

**S011 14:30 Chromogenic agar for identification and antimicrobial susceptibility testing**

*Margareta Ieven (Edegem, Belgium)*

**S012 15:00 Culturomics**

*Didier Raoult (Marseille, France)*

SY04

13:30 - 15:30

Hall F

**2-HOUR SYMPOSIUM:**

**Vaccines against mucosal infections**

*Chairs: Jacques Gaillat (Pringy, France)  
Shabir A. Madhi (Johannesburg, South Africa)*

**S013 13:30 Low-cost vaccine pipeline — worldwide perspective**

*James Wai-Kuo Shih (Xiamen, China)*

**S014 14:00 Outcome analysis of rotavirus vaccines**

*Timo Vesikari (Tampere, Finland)*

**S015 14:30 Pertussis — why does it persist?**

*Ulrich Heininger (Basel, Switzerland)*

**S016 15:00 HPV vaccination in Europe — where are we?**

*Mario Poljak (Ljubljana, Slovenia)*

**Coorganized with: EVASG**

SY05

16:30 - 18:30

Hall A

**2-HOUR SYMPOSIUM:**

**Ebola virus — lessons of and perspectives from the Ebola outbreak**

*Chairs: Nicholas J. Beeching (Liverpool, United Kingdom)  
TBC*

**S200 16:30 Ebola virus disease clinical features — what did we learn?**

*Marta Lado (Freetown, Sierra Leone)*

**S201 17:00 Recent results and perspectives to prevent and treat Ebola virus disease**

*Xiangguo Qiu (Winnipeg, Canada)*

**S202 17:30 Ebola virus immunology and vaccine results**

*Nancy Sullivan (Bethesda, MD, United States)*

**S203 18:00 Ebola outbreak response: shift in paradigm**

*Sylvie Briand (Geneva, Switzerland)*



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## SY06

16:30 - 18:30 Hall B

## 2-HOUR SYMPOSIUM:

## Resurrecting old antimicrobial agents

Chairs: Françoise van Bambeke (Brussels, Belgium)

Agnes Wechsler-Fördös (Vienna, Austria)

S021 16:30 Translational research for old antibiotics: what is lacking?

Alasdair P. MacGowan (Bristol, United Kingdom)

S022 17:00 Sparing carbapenems by revived old antibiotics (mecillinam, temocillin, fosfomycin)

John D. Turnidge (North Adelaide, Australia)

S023 17:30 Appropriate usage of nitrofurantoin

Angela Huttner (Geneva, Switzerland)

S024 18:00 Regulatory issues with old antibiotics

Radu F. Botgros (London, United Kingdom)

Coorganized with: EPASG, EUCAST

## SY07



16:30 - 18:30 Hall C

## 2-HOUR SYMPOSIUM:

## Clinical approach in febrile immunocompromised patients with pulmonary infiltrates

Chairs: Catherine Cordonnier (Créteil, France)

Andrew J. Ullmann (Würzburg, Germany)

S025 16:30 Epidemiology of lung infection in immunocompromised patients

Marija Santini (Zagreb, Croatia)

S026 17:00 Modern imaging: sensitivity and specificity

Catherine Beigelman-Aubry (Lausanne, Switzerland)

S027 17:30 Optimized microbiological diagnostics

Axel Hamprecht (Cologne, Germany)

S028 18:00 News on risk-adapted pre-emptive treatment approaches?

Georg Maschmeyer (Potsdam, Germany)

Coorganized with: EFISG, International Immunocompromised Host Society (ICHS)

## OS02

16:30 - 18:30 Hall D

## 2-HOUR ORAL SESSION:

## Molecular epidemiology of MDR Gram-negatives

Chairs: Teresa Coque (Madrid, Spain)

Laurent Poirel (Fribourg, Switzerland)

0011 16:30 Prevalence of aminoglycoside resistance genes among contemporary Gram-negative resistant isolates collected worldwide

M. Castanheira\* (North Liberty, IA, United States), S.E. Costello, R.N. Jones, R.E. Mendes

0012 16:42 Circulation of ESBL-producing *E. coli* in the Swedish population; a comparison of isolates from community carriers, non-invasive- and invasive infections

S. Ny\* (Solna, Sweden), S. Löfmark, S. Börjesson, S. Englund, C. Giske, S. Byfors

0013 16:54 IncI1-bearing CTX-M, SHV, CMY and TEM in *Escherichia coli* from intensive agricultural soils

D. Jones-Dias\* (Lisbon, Portugal), E. Ferreira, M. Caniça

0014 17:06 ST131-H30RX *Escherichia coli* as a multidrug-resistant subclone of healthcare associated bacteraemic urinary tract infections in Spain: results from a multicenter study

I. Merino Velasco\* (Madrid, Spain), J.P. Horcajada, E. Shaw, E. Cercenado, B. Mirelis, M.A. Pallares, J. Gómez, M. Xercavins, L. Martínez-Martínez, M. De Cueto, R. Cantón, P. Ruiz-Garbajosa

0015 17:18 Virulence factor genes in CTX-M-15-producing *Escherichia coli* isolates of different clonal lineages from Nairobi, Kenya

B. Ghebremedhin\* (Witten, Germany), D. Maina, A. Kimang'a, G. Revathi, W. Koenig

0016 17:30 Complete sequence of *bla* KPC-2 harbouring IncFII plasmid from *Klebsiella pneumoniae* sequence type 273 isolated in Saint Petersburg, Russia

V. Ageevets, J. Sopova, I. Partina, M. Malakhova, E. Ilina, E. Kostyukova, S. Sidorenko\* (St. Petersburg, Russia)

0017 17:42 Molecular characterization of carbapenem-resistant *Klebsiella spp* in Singapore: OXA-carbapenemase is the main culprit

J. Teo\* (Singapore, Singapore), Y. Cai, T. Lim, H. Leck, S. Lee, S. Chia, R. Wang, C. Khoo, T. Koh, A.L. Kwa

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- 0018 17:54 Whole genome sequencing analysis of a *Klebsiella pneumoniae* strain from Turkey carrying NDM-1, VIM-1 and OXA-244 carbapenamase encoding genes**  
*M. Castanheira\** (North Liberty, IA, United States), *L.M. Deshpande*, *V. Korten*, *R.E. Mendes*, *G. Soyletir*, *R.N. Jones*
- 0019 18:06 Clonal dissemination of OXA-48-ST11 and VIM-ST54 *Klebsiella pneumoniae* within a carbapenemase-producing Enterobacteriaceae polyclonal situation at a University Hospital in Madrid (Spain)**  
*M. Hernández-García\** (Madrid, Spain), *P. Ruiz-Garbajosa*, *A. Robustillo*, *I. Rodriguez*, *N. López-Fresneña*, *C. Díaz-Agero*, *A. Moreno-Bofarull*, *J.M. Aranzaz*, *R. Cantón*
- 0020 18:18 Application of whole genome sequencing for streamlined identification and susceptibility testing (ID/AST) of carbapenem-resistant *Acinetobacter* spp.**  
*M. Gordon*, *B. Dassa*, *J.A. Carrico*, *D. Marchaim*, *T. Lazarovitch*, *L. Valinsky*, *V. Chalifa-Caspi*, *J. Moran-Gilad\** (Beer-Sheva, Israel)

## SY08

16:30 - 18:30 Hall E

## 2-HOUR SYMPOSIUM:

## Added value of syndrome-based molecular diagnosis?

- Chairs: Johan Van Eldere* (Leuven, Belgium)  
*Gilbert Greub* (Lausanne, Switzerland)
- S029 16:30 Diarrhoea**  
*Jordi Vila Estape* (Barcelona, Spain)
- S030 17:00 Central nervous system infection**  
*Stephen L. Leib* (Spiez, Switzerland)
- S031 17:30 Emerging infections**  
*Marion Koopmans* (Rotterdam, Netherlands)
- S032 18:00 Respiratory tract infection**  
*Kate Templeton* (Edinburgh, United Kingdom)

Coorganized with: ESGMD

## SY09

16:30 - 18:30 Hall H

## 2-HOUR SYMPOSIUM:

## Maternal immunizations to prevent newborn infections

- Chairs: Claire-Anne Siegrist* (Geneva, Switzerland)  
*Keith P. Klugman* (Seattle, WA, United States)
- S033 16:30 Immunological bases and challenges of maternal immunization**  
*Claire-Anne Siegrist* (Geneva, Switzerland)
- S034 17:00 Status of bacterial vaccines to prevent neonatal sepsis and pneumonia (GBS/pertussis)**  
*Ajoke Sobanjo-ter Meulen* (Seattle, WA, United States)
- S035 17:30 Status of viral vaccines to prevent respiratory infections (influenza, RSV)**  
*Shabir A. Madhi* (Johannesburg, South Africa)
- S036 18:00 Potential impact of maternal immunizations on adverse pregnancy outcomes (preterm birth, still birth, etc)**  
*Saad B. Omer* (Atlanta, GA, United States)

Coorganized with: American Society for Clinical Microbiology (ASM), Programme Committee of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC)

## OS03

16:30 - 18:30 Hall K

## 2-HOUR ORAL SESSION:

## New trends emerging from epidemiological observations

- Chairs: Therese Westrell* (Stockholm, Sweden)  
*Natacha Couto* (Lisbon, Portugal)
- 0021 16:30 Surveillance of invasive Group A streptococci in Belgium (January 1, 2009-September 30, 2014)**  
*K. Loens\** (Antwerp, Belgium), *E. De Herdt*, *S. Verkroost*, *C. Lammens*, *M. Ieven*, *H. Goossens*
- 0022 16:42 Highly fatal outbreak with *Listeria monocytogenes* in Denmark, 2014: review of clinical details**  
*A.K. Jensen\** (Copenhagen, Denmark), *E.M. Nielsen*, *L. Müller*, *J.T. Larsson*, *S. Ethelberg*
- 0023 16:54 Prevalence and transmission of methicillin-resistant *Staphylococcus aureus* (MRSA) among mothers and newborn babies**  
*C.M. Bennett\** (Melbourne, Australia), *E. Bogatyreva*, *M. Payne*, *G. Coombs*, *S. Donath*, *M. Cullinane*, *L. Amir on behalf of the CASTLE study team*

## Saturday, 25 April 2015

- 0024 17:06 **Haemolytic uraemic syndrome caused by non-O157 and stx 1 only VTEC strains in Ireland in 2012**  
*A. Carroll\* (Dublin, Ireland), K. Forde, E. McNamara*
- 0025 17:18 **Epidemiology of invasive non-typhoidal *Salmonella* infections in Europe in 2007-2013**  
*T. Westrell\* (Stockholm, Sweden), J. Takkinen*
- 0026 17:30 **2013-2014 Winter season: role of viruses in adult hospitalizations for acute respiratory infections, further evaluation and assessment with a focus on influenza and RSV**  
*M. Bourgeois\* (Yvoir, Belgium), V. Gérard, X. Muschart, I. Michaux, T. Huang, P. Bogaerts, Y. Glupczynski, N. Ausselet, B. Delaere*
- 0027 17:42 **Tracing *Mycoplasma pneumoniae* transmission during 4 years of an epidemic**  
*G. Almogy\* (Tel Aviv, Israel), A. Bernevig, C. Hidalgo-Grass, A. Gayego-Michael, G. Almogy, A. Moses, R. Nir-Paz*
- 0028 17:54 **Distribution of *Legionella* species in contaminated potable water systems in Germany**  
*E. Kruse\* (Cologne, Germany), A. Wehner, H. Wisplinghoff*
- 0029 18:06 **Clinical and laboratory features of severe dengue in children in Goiania, central Brazil**  
*S.M.M. Solomar\* (Goiânia, Brazil), P.S.S. Da Costa*
- 0030 18:18 **Seroprevalence of hepatitis A in the EU/EEA 1975-2013: a systematic review to inform prevention strategies**  
*P. Carrillo Santisteve, L. Tavošchi\* (Stockholm, Sweden), E. Severi, S. Bonfigli, P.L. Lopalco*

Sunday, 26 April 2015

## ME01

7:45 - 8:45

Hall I

## MEET-THE-EXPERT SESSION:

## Screening and prophylaxis of migrants

Experts:

M001 Rogelio López-Vélez (Madrid, Spain)

M002 Francesco Castelli (Brescia, Italy)

Coorganized with: ESGITM

## ME02

7:45 - 8:45

Hall J

## MEET-THE-EXPERT SESSION:

How and when to treat patients with infections due to *Mycobacterium abscessus* and other NTMs

Experts:

M003 Mateja Jankovic (Zagreb, Croatia)

M004 Jakko Van Ingen (Nijmegen, Netherlands)

Coorganized with: ESGMYC

## ME03

7:45 - 8:45

Hall K

## MEET-THE-EXPERT SESSION:

## Emerging and re-emerging haemorrhagic fever — epidemiology and treatment

Experts:

M005 Masoud Mardani (Tehran, Iran)

M006 Alemka Markotic (Zagreb, Croatia)

## ME04



7:45 - 8:45

Hall L

## MEET-THE-EXPERT SESSION:

## How to integrate molecular platforms in the laboratory?

Experts:

M007 Dan Otelea (Bucharest, Romania)

M008 Snjezana Zidovec Lepej (Zagreb, Croatia)

Coorganized with: ESGMD

## ME05

7:45 - 8:45

Hall M

## MEET-THE-EXPERT SESSION:

## What is important in intestinal microbiota transplantation?

Experts:

M009 Philipp Ehlermann (Heidelberg, Germany)

M010 Els Van Nood (Amsterdam, Netherlands)

## ME06



7:45 - 8:45

Hall N

## MEET-THE-EXPERT SESSION:

## Preventing infection in the operating room. What do we know? Where do we go from here?

Experts:

M011 Hilary Humphreys (Dublin, Ireland)

M012 Sue Lord (London, United Kingdom)

Coorganized with: ESGNI

## SY10

9:00 - 11:00

Hall A

## 2-HOUR SYMPOSIUM:

## The year in Infection Control

Chairs: Michael A. Borg (Msida, Malta)

Evelina Tacconelli (Tübingen, Germany)

S037 9:00 Part I

Petra Gastmeier (Berlin, Germany)

S038 9:40 Part II

Stephanie J. Dancer (Glasgow, United Kingdom)

S039 10:20 Part III

Eli Perencevich (Iowa City, IA, United States)

The speakers broadly review the literature for either major new scientific findings in the field of infection control and/or practice changing papers and select the most interesting ones for presentation. A literature list will be provided.

Sunday, 26 April 2015

OS30

9:00 - 11:00

Hall B

**2-HOUR ORAL SESSION:****Around the tropical world in 10 presentations**

Chairs: Masoud Mardani (Tehran, Iran)

Eduardo Gotuzzo (Lima, Peru)

- 0031 9:00 Risk of acquisition of diarrhoeagenic *Escherichia coli* virulence genes in a cohort of healthy travellers**  
J. Van Hattem\* (Amsterdam, Netherlands),  
M. Arcilla, A. Cabal Rosel, R. Molenkamp,  
M. Bootsma, P. Van Genderen, A. Goorhuis,  
M. Grobusch, N. Molhoek, A. Oude Lashof,  
E. Stobberingh, H. Verbrugh, D. Melles, J. Penders,  
M. De Jong, C. Gortázar, C. Schultz
- 0032 9:12 Acquisition of diarrhoeagenic bacteria, parasites and viruses during travel: a pilot study in a prospective cohort of healthy travellers**  
J. Van Hattem\* (Amsterdam, Netherlands),  
M. Arcilla, A. Bart, T. Van Gool, A. Goorhuis,  
J. Van Hellemond, R. Molenkamp, B. De Wever,  
M. Bootsma, P. Van Genderen, M. Grobusch,  
N. Molhoek, A. Oude Lashof, E. Stobberingh,  
H. Verbrugh, D. Melles, J. Penders, C. Schultsz,  
M. De Jong
- 0033 9:24 High percentage of multiple infections in European soldiers with diarrhoea on deployment in Western African Mali**  
H. Frickmann\* (Hamburg, Germany), C. Frey,  
S. Schmidt, C. Janke, R. Hinz, W. Maaßen,  
R.M. Hagen
- 0034 9:36 Epidemiology of domestically-acquired *Entamoeba histolytica* in Japan, 2000-2013**  
M. Ishikane\* (Tokyo, Japan), Y. Arima, T. Takahashi,  
A. Kanayama, T. Yamagishi, Y. Yahata, T. Matsui,  
T. Sunagawa, T. Nozaki, K. Oishi
- 0035 9:48 Imported severe malaria in Europe – a multicentre observational study**  
F. Kurth\* (Berlin, Germany), T. Zoller, on behalf of  
Tropnet Europe
- 0036 10:00 Iron deficiency increases mortality in experimental malaria**  
F.C. Castberg\* (Copenhagen, Denmark),  
L. Maretty, J. Kirchhoff, R.E. Sharp, J. Kurtzhals
- 0037 10:12 New Bio-flash® Chagas chemiluminiscence assay evaluation for serological Chagas disease diagnosis**  
E. Dopico\* (Barcelona, Spain), I. Ubillos,  
M. Graells, E. Castro, R. Navarro, M. Aguilar,  
T. Vinuesa

- 0038 10:24 Molecular identification of *Leishmania* species in north-eastern Iran**

M. Haghighi Hasanabad\* (Tehran, Iran),  
M.J. Namazi, A. Balooti Dehkordi, S. Salehabadi,  
N. Rohani

- 0039 10:36 Should brucellosis be a part of differential diagnosis when tuberculous meningitis is predicted with Thwaites or Lancet scoring systems?**

H. Erdem, S. Senbayrak, S. Gencer, L. Gorenek\*  
(Istanbul, Turkey), M. Karahocagil, G. Sengoz,  
H. Karsen, S. Kaya, R. Civljak, S. Inal, A. Pekok,  
M. Celen, S. Deniz, M. Ulug, T. Demirdal,  
M. Namiduru, R. Tekin, T. Guven, S. Bolukcu,  
E. Parlak

- 0040 10:48 Managing the complications of leprosy in London; the use of steroids and thalidomide to treat erythema nodosum leprosum**

L. Nabarro\* (London, United Kingdom),  
D. Aggarwal, D. Lockwood

OS05



9:00 - 11:00

Hall C

**2-HOUR ORAL SESSION:****Detection of carbapenemases**

Chairs: Patrice Nordmann (Fribourg, Switzerland)

Giuseppe Cornaglia (Verona, Italy)

- 0041 9:00 Detection and characterization of carbapenemases by flow cytometry**  
A.P. Silva, I. Faria-Ramos, M.J. Espinar, I. Miranda,  
S. Costa-de-Oliveira, A.G. Rodrigues\* (Porto,  
Portugal), C. Pina-Vaz
- 0042 9:12 Evaluation of the recently launched rapid carb blue kit for detection of carbapenemase-producing Gram-negative bacteria**  
A. Novais\* (Porto, Portugal), M. Brilhante, L. Peixe
- 0043 9:24 The Carba NP test for the rapid detection of carbapenemase-producing Enterobacteriaceae: a three-year experience from the French National Reference Center for Antibiotic Resistance**  
L. Dortet\* (Le Kremlin-Bicêtre, France), G. Cuzon,  
P. Nordmann
- 0044 9:36 RAPIDEC® CARBA NP, for rapid detection of carbapenemase producers in Gram-negatives**  
L. Poiriel, G. Zambardi, L. Devigne, P. Nordmann\*  
(Fribourg, Switzerland)

Sunday, 26 April 2015

SY11



- 0045 9:48 **Preliminary comparison of Carba NP test and ROSCO Neo-Rapid CARB Screen kit**  
C.J. Denis, I. Mermans, E. De Herdt, M. Ieven\*  
(Edegem, Belgium)
- 0046 10:00 **Validation of a new lateral flow assay for the detection of OXA-48-like-producing Enterobacteriaceae**  
P. Bogaerts\* (Yvoir, Belgium), S. Evrard, I. Ote, P. Mertens, M. Massart, T. Huang, Y. Glupczynski
- 0047 10:12 **Development of a novel immunochromatographic confirmatory test for the detection of OXA-48 carbapenemase in Enterobacteriaceae**  
I. Ote\* (Gembloux, Belgium), P. Bogaerts, L. Denorme, C. Borlon, C. Thunissen, Y. Glupczynski, T. Leclipteux, P. Mertens
- 0048 10:24 **Validation of a new electrochemical assay (BYG test) for the rapid laboratory detection of carbapenemase-producing Enterobacteriaceae**  
P. Bogaerts\* (Yvoir, Belgium), S. Yunus, M. Massart, T. Huang, Y. Glupczynski
- 0049 10:36 **Fast carbapenemase detection by the RAPIDEC® CARBA NP test**  
L. Dévigne, G. Zambardi\* (La Balme les Grottes, France), E. Courbière, C. Franceschi, C. Davenas, R. Martelin
- 0050 10:48 **MALDI-TOF MS, a reliable tool for the direct detection of carbapenemase activity**  
C. Papagiannitsis\* (Pilsen, Czech Republic), V. Sudentová, R. Izdebski, O. Oikonomou, Y. Pfeifer, E. Petinaki, J. Hrabak

9:00 - 11:00

Hall D

**2-HOUR SYMPOSIUM:****Antibacterial treatment: how short is long enough?**

Chairs: Jean Paul Stahl (Grenoble, France)  
Bojana Beovic (Ljubljana, Slovenia)

- S040 9:00 **Pyelonephritis**  
Jesper Ericsson (Stockholm, Sweden)
- S041 9:30 **Osteoarticular infections**  
Aurélien Dinh (Paris, France)
- S042 10:00 **Community-acquired pneumonia**  
Rachida El Moussaoui (Amsterdam, Netherlands)
- S043 10:30 **Tuberculosis**  
Corinne Merle (London, United Kingdom)

Coorganized with: ESGAP, French Infectious Diseases Society (SPILF)

SY12

9:00 - 11:00

Hall E

**2-HOUR SYMPOSIUM:****Genomics in infectious diseases and clinical microbiology**

Chairs: Alexander W. Friedrich (Groningen, Netherlands)  
Thomas Benfield (Hvidovre, Denmark)

- S044 9:00 **So I have sequenced my organism ... what do I do now?**  
Nick Loman (Birmingham, United Kingdom)
- S045 9:30 **Bacterial genomics: usefulness for diagnostic microbiology**  
Gilbert Greub (Lausanne, Switzerland)
- S046 10:00 **Bacterial genomics: usefulness to identify virulence factors and antibiotic resistance markers**  
Pierre-Edouard Fournier (Marseille, France)
- S047 10:30 **Bacterial genome sequencing for outbreak detection**  
Frank Aarestrup (Copenhagen, Denmark)



Sunday, 26 April 2015

SY13

9:00 - 11:00

Hall J

**2-HOUR SYMPOSIUM:****Current topics in tuberculosis**

Chairs: Seyed Davoud Mansouri Zengir (Tehran, Iran)

Emmanuelle Cambau (Paris, France)

**S048 9:00 Global epidemiology**

Dennis Falzon (Geneva, Switzerland)

**S049 9:30 Molecular insights into clustering virulence and resistance and novel diagnostic tools for *Mycobacterium tuberculosis***

Paul D. van Helden (Tygerberg, South Africa)

**S050 10:00 Update on new drugs and diagnostics**

Christoph Lange (Borstel, Germany)

**S051 10:30 All those news and innovations – is this enough to turn the tide against TB?**

Martin P. Grobusch (Amsterdam, Netherlands)

Coorganized with: ESGMYC

OS06



9:00 - 11:00

Hall K

**2-HOUR ORAL SESSION:****Severe infections in children**

Chairs: Emmanuel Roilides (Thessaloniki, Greece)

Frederic Laurent (Lyon, France)

**0051 9:00 Toxic shock syndrome in children: clinical characteristics, toxin profiles and Vβ signatures**P.A. Bolze, O. Dauwalder\* (Bron, France),  
C. Jamen, L. Gérard, C. Badiou, C. Poyart, A. Tristan,  
M. Bes, F. Vandenesch, Y. Gillet, E. Javouhey**0052 9:12 Genetic variation in *NFKB1E* is associated with an increased risk of pneumococcal meningitis in children**L. Fogt Lundbo\* (Hvidovre, Denmark),  
Z.B. Harboe, L. Nygaard Clausen, M.V. Hollegaard,  
H. Toft Sørensen, D.M. Hougaard,  
H. Bossen Konradsen, M. Nørgaard, T. Benfield**0053 9:24 *MBL2* polymorphisms do not influence the susceptibility to invasive meningococcal disease in a population of Danish children**L. Fogt Lundbo\* (Hvidovre, Denmark),  
Z.B. Harboe, L. Nygaard Clausen, M.V. Hollegaard,  
H. Toft Sørensen, D.M. Hougaard,  
H. Bossen Konradsen, M. Nørgaard, T. Benfield**0054 9:36 Infectious aetiology of community acquired pneumonia in paediatric hospitalized patients**M.J. Rodriguez Dominguez, C. Vazquez,  
L. Martinez, A. Coca, D. Martin, A. Tagarro,  
R. Canton, E. Otheo, J.C. Galan\* (Madrid, Spain)**0055 9:48 Clinical experience with daptomycin for the treatment of paediatric patients with Gram-positive infections**V. Syriopoulou, Z. Dailiana\* (Larissa, Greece),  
N. Dmitriy, R. Utili, R. Pathan, K. Hamed**0056 10:00 Epidemiology and optimized decision algorithm for the diagnosis of paediatric community-acquired bone and joint infections: lesson learnt from 191 cases**A. Freydiere, G. Descours, N. Vernet, G. Maccio,  
S. Marion, A. Epercieux, Y. Benito,  
K. Abelin-Genevois, A. Fassier, B. Dohin, E. Piaton,  
F. Vandenesch, A. Carricajo, S. Boisset, F. Laurent\* (Lyon, France)**0057 10:12 The impact of a change in diagnostic approach in the incidence of *Clostridium difficile* infections (CDI) in children**M. González Del Vecchio\* (Madrid, Spain),  
L. Alcala, E. Reigadas, M. Marin, E. Bouza**0058 10:24 Use of standard intravenous immunoglobulins (IVIg) for the experimental treatment of primary CMV infections during pregnancy: interim analysis of safety and efficacy in 3-year follow-up**C. Colabattista, F. Trave, C. Celentano, A. Memmo,  
K. Melchiorre, G. Masciarelli, A. Agostinone,  
M. Tontodonati, E. Tracanna, L. Clerico, F. Sozio,  
P. Fazii, M. Rosati, L. Manzoli, E. Polilli, G. Parruti\* (Pescara, Italy)**0059 10:36 Paediatric community acquired pneumonia: a cohort study 24 months after implementation of universal 13-valent conjugate pneumococcal vaccine**N. Le Saux\* (Ottawa, Canada), J. Bowes,  
C. Bergeron, N. Barrowman, K. Koujok,  
N. Shenouda**0060 10:48 *Streptococcus pneumoniae* causing infection in children less than 60 days of age: serotypes and antimicrobial susceptibility**G. Echaniz-Aviles\* (Cuernavaca- Morelos, Mexico),  
A. Soto-Noguerón, M.N. Carnalla-Barajas,  
J.L. Arredondo-García, P. Arzate-Barbosa,  
J.C. Tinoco-Favila, A. Anzués-Gutiérrez



Sunday, 26 April 2015

## KL01

11:30 - 12:30

Hall A

## KEYNOTE LECTURE:

**Excellence Award Ceremony & Lecture: The modern ICU: are antibiotics used to save the patients or to soothe the minds of the doctors?**

Chairs: Murat Akova (Ankara, Turkey)  
Gunnar Kahlmeter (Växjö, Sweden)

K01 11:30 **Marc J.M. Bonten**  
(Utrecht, Netherlands)



## SY14

11:30 - 12:30

Hall B

## 1-HOUR SYMPOSIUM:

**Benefits and challenges of site-specific breakpoints**

Chairs: Arjana Tambic Andrasevic (Zagreb, Croatia)  
William Couet (Poitiers, France)

S052 11:30 **Indication-specific breakpoints targeting urinary tract infections**  
Martin Sundqvist (Örebro, Sweden)

S053 12:00 **Meningitis**  
Christian Ostergaard (Hvidovre, Denmark)  
Coorganized with: EUCAST

## SY15

11:30 - 12:30

Hall C

## 1-HOUR SYMPOSIUM:

**Vector-pathogen interaction: implications in disease dynamics**

Chair: Eskild Petersen (Aarhus, Denmark)

S054 11:30 **Vector dynamics for emergence of new diseases**  
Paul Reiter (Paris, France)

S055 12:00 **Vector competence of new pathogen genotypes**  
Manmohan Parida (Gwalior, India)

## SY16



11:30 - 12:30

Hall D

## 1-HOUR SYMPOSIUM:

**What is responsible use of antibiotics?**

Chairs: Céline Pulcini (Vandoeuvre-lès-Nancy, France)  
Benedikt Huttner (Geneva, Switzerland)

S056 11:30 **View of low-resistance countries**  
Inge C. Gyssens (Nijmegen, Netherlands)

S057 12:00 **View of high-resistance countries**  
Michael A. Borg (Msida, Malta)

Coorganized with: ESGAP

## SY17



11:30 - 12:30

Hall E

## 1-HOUR SYMPOSIUM:

**Recent top papers in paediatric infectious diseases**

Chair: Andreas H. Groll (Münster, Germany)

S058 11:30 **Infections in paediatrics**  
Susanna Esposito (Milan, Italy)

S059 12:00 **Vaccines in paediatrics**  
Ron Dagan (Beer-Sheva, Israel)

## OS07

11:30 - 12:30

Hall F

## 1-HOUR ORAL SESSION:

**Pioneering diagnostics beyond genomics and MALDI-TOF**

Chairs: Jean-Marc Rolain (Marseille, France)  
Germán Bou Arevalo (La Coruña, Spain)

O061 11:30 **Combining traditional bacterially and novel virally induced proteins for distinguishing between acute bacterial and viral infections**  
K. Oved, A. Cohen, O. Boico, R. Navon, T. Friedman, L. Etshtein, O. Kriger, E. Bamberger, G. Denkberg, Y. Dotan, Y. Reiter, M. Grupper, I. Srugo, P. Feigin, M. Gorfine, I. Chistyakov, R. Dagan, A. Klein, I. Potasman, E. Eden\* (Tirat Carmel, Israel)

O062 11:42 **Severity and outcome parameters of *Clostridium difficile* infections based on toxin, toxin-gene and lactoferrin testing in stools**  
L. Von Müller\* (Homburg/Saar, Germany), M. Jäger, S. Roth, J.H. Boone, M. Herrmann

Sunday, 26 April 2015

- 0063 11:54 **The importance of detection matrix metalloproteinases (MMP-1, MMP-9, MMP-13) serum levels in predicting development of osteoarticular complications of brucellosis**  
M. Sisirak\* (Sarajevo, Bosnia and Herzegovina), M. Hukic, A. Dedeic-Ljubovic
- 0064 12:06 **Utility of Paraoxonase-1 in the diagnosis of acute concomitant infection in patients with an implanted central venous catheter**  
S. Iftimie\* (Reus, Spain), A. García-Heredia, A. Cordoba, I. Pujol, F. Ballester, I. Fort-Gallifa, J. Joven, A. Castro, J. Camps
- 0065 12:18 **Bacterial culture detection and identification in blood agar plates with an optoelectronic nose**  
S. Lim\* (Mountain View, CA, United States), S. Mix, V. Anikst, I. Budvitiene, M. Eiden, Y. Churi, N. Queralto, A. Berliner, R. Martino, P. Rhodes, N. Banaei

## OS08

11:30 - 12:30 Hall G

## 1-HOUR ORAL SESSION:

Role of food-producing and companion animals in the spread of multi-drug resistance

Chairs: Carmen Torres (Logroño, Spain)  
Panayotis T. Tassios (Athens, Greece)

- 0066 11:30 **Spread of highly successful human multidrug-resistant clones causing urinary tract infections in companion animals**  
C. Marques\* (Lisbon, Portugal), N. Couto, A. Belas, C. Aboim, L. Fernandes, L. Telo da Gama, C. Pomba
- 0067 11:42 **First detection of extended-spectrum cephalosporin and fluoroquinolone-resistant pathogenic *Escherichia coli* in Australian food-producing animals, representing internationally disseminated, multidrug-resistant zooanthropnotic clonal lineages**  
S. Abraham\* (Roseworthy, Australia), D. Jordan, W. Hui, J.R. Johnson, D.M. Gordon, D.L. Wakeham, J.D. Turnidge, J.L. Mollinger, J. Gibson, D.J. Trott
- 0068 11:54 **Persistence of AmpC-producing *Proteus mirabilis* strains carrying the bla CMY-2 gene on the SXT/R391-like integrative and conjugative element in two populations of gulls, South of France**  
S. Aberkane\* (Montpellier, France), F. Compain, D. Décré, C. Laurens, M. Vittecoq, M. Gauthier-Clerc, F. Renaud, A. Pantel, N. Brieu, G. Arlet, J.P. Lavigne, P. Van De Perre, H. Jean-Pierre, S. Godreuil

- 0069 12:06 **Distribution of ESBL and pAmpC-producing *E. coli* in different sectors in Sweden, with a specific focus on food as a dissemination route to humans**  
S. Börjesson\* (Uppsala, Sweden), S. Ny, S. Lofmark, J. Bonnedahl, B. Bengtsson, I. Kühn, A. Rosengren, M. Lindblad, S. Englund, S. Byfors, M. Egervärn
- 0070 12:18 **Molecular epidemiology of hybrid CTX-M type beta-lactamases among *Escherichia coli* isolates from animals**  
C. Liu\* (Hong Kong, China), E.E. Lai, S.W. Lo, F.K. Chow, P. Ho

## KL02

11:30 - 12:30

Hall H

## KEYNOTE LECTURE:

Current trends in global fungal epidemiology and resistance

Chair: Emmanuel Roilides (Thessaloniki, Greece)

- K02 11:30 **Maiken C. Arendrup**  
(Copenhagen, Denmark)



## OS09

11:30 - 12:30

Hall I

## 1-HOUR ORAL SESSION:

Advances in mycobacterial infections

Chairs: Payam Tabarsi (Tehran, Iran)  
Wladimir Sougakoff (Paris, France)

- 0071 11:30 **CD27 expression as a new tool to distinguish active tuberculosis (TB) from latent TB infection**  
E. Petruccioli, L. Petrone, V. Vanini, F. Palmieri, G. Cuzzi, D. Goletti\* (Rome, Italy)
- 0072 11:42 **A pharmacokinetic evaluation of co-trimoxazole 960 mg once daily in TB patients**  
N.S. Alsaad\* (Groningen, Netherlands), J.A. Dijkstra, O.W. Akkerman, W.C. De Lange, D. Van Soolingen, J.G. Kosterink, T.S. Van der Werf, J. Alffenaar
- 0073 11:54 **Clofazimine prevents the regrowth of amikacin-exposed non-tuberculous mycobacteria**  
B.E. Ferro Ramos\* (Nijmegen, Netherlands), M. Wattenberg, D. Van Soolingen, J.W. Mouton, J. Van Ingen

Sunday, 26 April 2015

- 0074 12:06 Antimicrobial susceptibility of nontuberculous mycobacteria isolated from clinical samples using a commercial method based on microtiter plates**

A. Vergara Gómez\* (Barcelona, Spain), G. Tudó, J.C. Hurtado, A. López, M.R. Monté, L. San Nicolás, J. Gonzalez-Martin

- 0075 12:18 *Mycobacterium ulcerans* treatment – can antibiotic duration be reduced in selected patients?**

R. Cowan\* (Geelong, Australia), E. Athan, N.D. Friedman, A. Hughes, A. McDonald, P. Callan, J. Fyfe, D. O'Brien

## SY49

11:30 - 12:30

Hall J

## 1-HOUR SYMPOSIUM:

## Viral recurrence post-transplant

Chairs: Paolo A. Grossi (Varese, Italy)  
Emmi Andersson (Stockholm, Sweden)

- S059a 11:30 How harmful is BK-virus for the kidney allograft?**

Hans H. Hirsch (Basel, Switzerland)

- S059b 12:00 Current challenges in post liver transplant patients with viral hepatitis**

Martina Gambato (Barcelona, Spain)

## OS10

11:30 - 12:30

Hall K

## 1-HOUR ORAL SESSION:

## Vaccination: experimental and clinical correlates

Chairs: Klara Posfay Barbe (Geneva, Switzerland)  
Mario Poljak (Ljubljana, Slovenia)

- 0076 11:30 Incidence of adult invasive pneumococcal disease post pneumococcal conjugate vaccines in Toronto/Peel, Canada, 2001-2014**

K. Green\* (Toronto, Canada), A. Shigayeva, W. Rudnick, A. Plevneshi, S. Pong-Porter, J. Li, A. McGeer

- 0077 11:42 Exploratory efficacy endpoints in the community-acquired pneumonia immunization trial in adults (CAPITA)**

C. Webber\* (Maidenhead, United Kingdom), M. Patton, S. Patterson, B. Schmoele-Thoma, S. Huijts, M. Bolkenbaas, M. Bonten

- 0078 11:54 Five-year follow-up of serological responses to primary vaccination with 1 versus 2 doses of 7-valent pneumococcal conjugate vaccine in HIV-infected patients receiving combination antiretroviral therapy**

Y. Su\* (Taipei, Taiwan), W. Liu, M. Tsai, A. Cheng, K. Lee, S. Chang, C. Hung

- 0079 12:06 Cross-sectional study: fever leads to missed opportunities for vaccination in children**

M. Le Maréchal\* (Nancy, France), L. Fressard, P. Verger, C. Pulcini

- 0080 12:18 Vaccine efficiency against meningococci in a humanized mouse model**

M. Fernandez-Gerlinger\* (Paris, France), H. Echenique-Rivera, M. Hivelin, G. Duménil

## KL03

14:30 - 15:30

Hall A

## KEYNOTE LECTURE:

## Infection control in settings of respiratory viruses including MERS

Chair: Georg Maschmeyer (Potsdam, Germany)

- K03 14:30 Allison McGeer**  
(Toronto, Canada)



## SY18

14:30 - 15:30

Hall B

## 1-HOUR SYMPOSIUM:

## Can PK/PD provide all the answers for breakpoints &amp; antibiotic dosing? Pro-Con Debate

Chairs: Jason Roberts (Brisbane, Australia)  
Niels Frimødt-Møller (Copenhagen, Denmark)

- S060 14:30 Pro**  
George Drusano (Lake Nona, FL, United States)

- S061 15:00 Con**  
David Livermore (Norwich, United Kingdom)

Coorganized with: EPASG, ESGCIP

Sunday, 26 April 2015

OS11

14:30 - 15:30

Hall C

## 1-HOUR ORAL SESSION:

## Drug discovery

Chairs: Ursula Theuretzbacher (Vienna, Austria)

Miquel Bart Ekkelenkamp (Utrecht, Netherlands)

- 0081 14:30 **Glycopeptide derivatives with potent activity against multidrug-resistant pathogenic bacteria**  
M. Blaskovich\* (Queensland, Australia), K. Hansford, Z. Ziora, F. Lindahl, M. Butler, T. Karoli, A. Elliott, S. Ramu, A. Kavanagh, A. Jarrad, A. Da Silva, J.X. Huang, J. Zuegg, C. Muldoon, R. Pelingon, D. Edwards, D. Paterson, J. Roberts, H. Sidjabat, M. Cooper
- 0082 14:42 **Synthetic novel host defense protein mimetics for the treatment of Gram-negative bacterial infections**  
S. Ram\* (Beverly, MA, United States), K. Menon, R.W. Scott, D. Weaver, K.B. Freeman, G.N. Tew, W. Weiss, W.F. DeGrado, K. Chafai-Fadela, A. Kumar, D. Brennan, S.A. Holden
- 0083 14:54 **Antibiotic activity of a trans-translation inhibitor against the intracellular pathogen *Legionella pneumophila***  
R. Brunel\* (Villeurbanne, France), X. Charpentier
- 0084 15:06 **CAL02 neutralizes bacterial toxins to combat severe pneumonia**  
F. Lajaunias\* (Geneva, Switzerland), S. Azeredo da Silveira Lajaunias, A. Draeger, E.B. Babiychuk
- 0085 15:18 **Optimizing the pyrrolocytosines for enhanced influx into Gram-negative pathogens**  
R. Bonomo\* (Cleveland, OH, United States), K. Hujer, M. Jacobs, S. Bajaksouzian, A. Windau, Z. Kanyo, A. Marra, E. Duffy

KL04

14:30 - 15:30

Hall D

## KEYNOTE LECTURE:

## Chasing beta-lactamases in times of economic difficulties

Chair: Po-Ren Hsueh (Taipei, Taiwan)

- K04 14:30 **Athanassios Tsakris**  
(Athens, Greece)



SY19



14:30 - 15:30

Hall F

## 1-HOUR SYMPOSIUM:

## Pneumococcal conjugate vaccine for adults — Pro-Con debate

Chairs: Markus Hilty (Berne, Switzerland)

Birgitta Henriques-Normark (Stockholm, Sweden)

- S062 14:30 **Pro**  
Marc J.M. Bonten (Utrecht, Netherlands)
- S063 15:00 **Con**  
Pekka Nuorti (Helsinki, Finland)
- Coorganized with: EVASG**

SY20

14:30 - 15:30

Hall H

## 1-HOUR SYMPOSIUM:

## Recent top papers in fungal infections

Chairs: Maurizio Sanguinetti (Rome, Italy)

Manuel Cuenca-Estrella (Madrid, Spain)

- S064 14:30 **Top papers in diagnostics and susceptibility testing**  
Rosemary Barnes (Cardiff, United Kingdom)
- S065 15:00 **Top papers in the management of invasive fungal disease**  
Souha S. Kanj (Beirut, Lebanon)
- Coorganized with: EFISG**

OS12

14:30 - 15:30

Hall I

## 1-HOUR ORAL SESSION:

No guts, no resistance: *Enterococcus* conquers the world

Chairs: Rob Willems (Houten, Netherlands)

Panayotis T. Tassios (Athens, Greece)

- 0086 14:30 **Detection of the first two VanD-type vancomycin-resistant *Enterococcus faecium* in Netherlands**  
J. Sinnige\* (Utrecht, Netherlands), J. Top, E. Brouwer, M. Rogers, G. Werner, R. Jansen, M. Bonten, R. Willems
- 0087 14:42 **Characterization of linezolid-resistant *Staphylococcus epidermidis* and *Enterococcus faecium* from two ICUs, preceded by an increase in the linezolid utilization rate of the hospital**  
F. Layer\* (Wernigerode, Germany), A. Helmers, B. Strommenger, I. Klare, J. Bender, G. Werner

Sunday, 26 April 2015

0088 14:54 **Vancomycin-resistant *Enterococcus faecium* sequence type 796: birth of a new epidemic clone**

A. Mahony\* (Heidelberg, Australia), E. Grabsch, S. Ballard, S. Xie, T. Seemann, T. Stinear, M. Lam, B. Howden, M.L. Grayson, P. Johnson

0089 15:06 **Whole genome sequencing reveals *de novo* acquisition of *vanB* resistance in epidemic *Enterococcus faecium* isolates in German hospitals and suggests a complex mechanism of transfer**

J. Bender\* (Wernigerode, Germany), A. Kalmbach, M. Steglich, U. Nübel, I. Klare, G. Werner

0090 15:18 **Attributable mortality of vancomycin resistance in *Enterococcus faecium* bacteraemia: a multicentre matched cohort study in Netherlands**

W. Rottier\* (Utrecht, Netherlands), A. Van der Bij, M. Bonten, on behalf of the VRE researchers

SY21



14:30 - 15:30

Hall J

**1-HOUR SYMPOSIUM:**

**Efficacy and side effects of neuraminidase inhibitors for influenza: who should be treated and who not?**

Chairs: Hans H. Hirsch (Basel, Switzerland)

Jens D. Lundgren (Copenhagen, Denmark)

S066 14:30 **Evidence from randomized controlled trials**

Xavier Duval (Paris, France)

S067 15:00 **Evidence from observational cohort studies**

Jonathan Van-Tam (Nottingham, United Kingdom)

Coorganized with: ESGIE, EVASG

SY22

16:00 - 18:00

Hall A

**2-HOUR SYMPOSIUM:**

**Dynamics of autochthonous vector-borne viral diseases in Europe**

Chairs: Hans H. Hirsch (Basel, Switzerland)

Martin P. Grobusch (Amsterdam, Netherlands)

S068 16:00 **West-Nile virus**

Sotirios Tsiodras (Athens, Greece)

S069 16:30 **Tick-borne encephalitis**

Tatjana Avsic Zupanc (Ljubljana, Slovenia)

S070 17:00 **Chikungunya**

Wim Van Bortel (Stockholm, Sweden)

S071 17:30 **Dengue**

Marie-Claire Paty (Saint-Maurice, France)

SY23

16:00 - 18:00

Hall C

**2-HOUR SYMPOSIUM:**

**Evidence base for prevention of surgical site infections — Pro-Con debates**

Chairs: Petra Gastmeier (Berlin, Germany)

Henrik Westh (Hvidovre, Denmark)

S072a 16:00 **Timing of perioperative prophylaxis is not important**

Marja Boermeester (Amsterdam, Netherlands)

S072b 16:30 **Timing of perioperative prophylaxis is essential**

Andreas F. Widmer (Basel, Switzerland)

S072c 17:00 **Preoperative screening and decolonization for *S. aureus* should be abandoned**

Andreas Voss (Nijmegen, Netherlands)

S072d 17:30 **Preoperative screening and decolonization for *S. aureus* should be mandatory**

Stephan J. Harbarth (Geneva, Switzerland)

SY24

16:00 - 18:00

Hall D

**2-HOUR SYMPOSIUM:**

**Challenges in fungal infections**

Chairs: Anna Skiada (Athens, Greece)

David W. Denning (Manchester, United Kingdom)

S073a 16:00 **Invasive fungal infections after solid organ transplantation**

Patricia Muñoz (Madrid, Spain)

S073b 16:30 **Osteoarticular infections due to *Aspergillus* and other moulds**

Emmanuel Roilides (Thessaloniki, Greece)

S073c 17:00 **Osteoarticular infections due to *Candida* and dimorphic fungi**

Olivier Lortholary (Paris, France)

S073d 17:30 **Optimizing antifungal PK/PD properties**

William W. Hope (Liverpool, United Kingdom)

Coorganized with: EFISG

Sunday, 26 April 2015

## SY25

16:00 - 18:00

Hall E

## 2-HOUR SYMPOSIUM:

**Pathophysiology and treatment of group A streptococcal infections: where are we going?**

Chairs: James M. Musser (Houston, TX, United States)  
Anna Norrby-Teglund (Stockholm, Sweden)

- S074a 16:00 The intracellular life of extracellular group A streptococci**  
Anna Norrby-Teglund (Stockholm, Sweden)
- S074b 16:30 Group A streptococci in the throat: prevent, ignore or treat?**  
Shiranee Sriskandan (London, United Kingdom)
- S074c 17:00 Increased virulence of group A streptococci: where are we going?**  
James M. Musser (Houston, TX, United States)
- S074d 17:30 Invasive group A streptococci: what is the best treatment?**  
Annelies Zinkernagel (Zurich, Switzerland)

## SY26



16:00 - 18:00

Hall H

## 2-HOUR SYMPOSIUM:

**Applying behaviour theory to the real world: lessons learnt from large hand hygiene trials**

Chairs: Benedetta Allegranzi (Geneva, Switzerland)  
Rima Moghnieh (Beirut, Lebanon)

- S075a 16:00 Using behaviour change theory to best use feedback to get healthcare workers to wash their hands - lessons from a national RCT**  
Sheldon Stone (London, United Kingdom)
- S075b 16:30 Hand-hygiene compliance can be increased but it takes a bundle of interventions; a multicentre hand-hygiene trial**  
Margeet C. Vos (Rotterdam, Netherlands)
- S075c 17:00 Are automated surveillance systems just monitoring or do they improve behaviour?**  
Eli Perencevich (Iowa City, IA, United States)
- S075d 17:30 Hand hygiene compliance: how much is enough?**  
Kent A. Sepkowitz (New York, NY, United States)

Coorganized with: ESGNI

## OS13

16:00 - 18:00

Hall J

## 2-HOUR ORAL SESSION:

**Trends in antimicrobial resistance**

Chairs: Christian G. Giske (Stockholm, Sweden)  
Athanasios Tsakris (Athens, Greece)

- 0091 16:00 Trends of transmitted drug resistance mutations to four classes and HIV-subtypes amongst subjects recently diagnosed as HIV infected over the period 2004-2014**  
S.G. Parisi\* (Padova, Italy), S. Andreis, R. Scaggiante, M. Cruciani, R. Ferretto, V. Manfrin, S. Panese, M.C. Rossi, E. Francavilla, C. Boldrin, F. Dal Bello, M. Basso, C. Mengoli, O. Turriziani, G. Antonelli, M. Andreoni, G. Palu'
- 0092 16:12 Molecular epidemiology of azithromycin resistance in *Neisseria gonorrhoeae* in France**  
A. Belkacem\* (Paris, France), A. Goubard, G. La Ruche, F. Mougari, P. Sednaoui, E. Cambau, B. Bercot
- 0093 16:24 Surveillance of gonococcal decreased susceptibility to extended-spectrum cephalosporins in France**  
C. De Curraize\* (Dijon, France), A. Goubard, G. La Ruche, H. Jacquier, P. Sednaoui, E. Cambau, B. Bercot
- 0094 16:36 Environmental dissemination of MDRB carrying *bla* NDM and *bla* CTX-M-15 in hospital environment, drinking water, birds and insects**  
B. Hassan\* (Cardiff, United Kingdom), M. Carvalho, A. Mushtaq, T. Walsh
- 0095 16:48 CTX-M-15 extended spectrum beta- lactamases among *Shigella* isolates in Israel**  
A.V. Ezernitchi\* (Jerusalem, Israel), V. Agmon, L. Valinsky, A. Rokney
- 0096 17:00 National multicentric survey of carbapenemase-producing Enterobacteriaceae in Belgium in 2014**  
T. Huang\* (Yvoir, Belgium), P. Bogaerts, C. Berhin, B. Jans, O. Denis, Y. Glupczynski
- 0097 17:12 Emergence of carbapenemase-producing Enterobacteriaceae in a general hospital in Spain: rapid spread of OXA-48 (2012-2014)**  
E. Cercenado\* (Madrid, Spain), M. Marín, B. Padilla, M. Grande, T. Vicente, E. Bouza



Sunday, 26 April 2015

- 0098 17:24 **Antimicrobial resistance in *Helicobacter pylori* – a 10-year perspective from Gastrointestinal Bacteria Reference Unit (GBRU), Public Health England**  
A. Yeap\* (London, United Kingdom), A. Lawson, G. Godbole
- 0099 17:36 **Trends in antibiotic resistance and serotype distribution in invasive pneumococcal disease (IPD) in France from 2003 to 2013; on-going survey of the French Pneumococcus Network**  
M. Kempf\* (Angers, France), N. Brieu, E. Varon, M. Ploy, A. Lepoutre, and the French Pneumococcus Network
- 0100 17:48 **Longitudinal (2001 -2013) analysis of vancomycin-resistant enterococci causing invasive infections in European and USA hospitals, including a contemporary (2010-2013) analysis of oritavancin *in vitro* potency**  
R.E. Mendes\* (North Liberty, IA, United States), H.S. Sader, R.N. Jones, R.K. Flamm, D.J. Farrell
- 0104 16:36 **The *NOD1* in contrast to the *NOD2* functional polymorphism affects susceptibility to *Chlamydia trachomatis* infection and the subsequent risk of tubal factor infertility**  
I. Brankovic\* (Maastricht, Netherlands), E.F. Van Ess, M.P. Noz, W.J. Wiericx, J. Spaargaren, J.A. Land, S.A. Morre, S. Ouburg
- 0105 16:48 **Mechanisms of action of human IVIG for treatment of community-associated methicillin-resistant *Staphylococcus aureus* necrotizing pneumonia**  
B.A. Diep, C. Badiou, H. Le, A.H. Duong, C.D. Etyene, V. Le, L. Basuino, H. Marbach, T. Mai, M. Sarda, O. Kajikawa, G. Matute-Bello, C. Tkaczyk, J. Rasigade, B.R. Sellman, C. Henry, L. Gérard\* (Lyon, France)
- 0106 17:00 **Protective effect for an anti-alpha toxin mAb MEDI4893\* in prophylaxis or adjunctive therapy in a CA-MRSA USA300 rabbit model of skin and skin structure infection**  
C. Tkaczyk\* (Gaithersburg, MD, United States), V.T.M. Le, S. Chau, R.L. Rao, E.C. Dip, L. Cheng, C.K. Stover, B.R. Sellman, B. Diep

## OS14

16:00 - 18:00

Hall K

## 2-HOUR ORAL SESSION:

## Host defense modulation

Chairs: Evangelos Giamarellos-Bourboulis (Athens, Greece)  
Reinout Van Crevel (Nijmegen, Netherlands)

- 0101 16:00 **Identification of genes involved in sublethal, human beta-defensin ([hβD1]-induced stress response in *Helicobacter pylori*: evidence for 'unconventional' adaptation processes**  
E. Kazakos\* (Thessaloniki, Greece), O. Gundogdu, B. Al-Hajj Hussein, N. Dorrell, I. Kountouras
- 0102 16:12 ***LTA4H* promotor genotype in TB meningitis in Indonesia is associated with inflammation and *M. tuberculosis* CSF culture, but not with survival**  
A. Van Laarhoven, S. Dian, C. Ruesen, M. Dame, J. Annisa, E. Hayati, L. Chaidir, M. Netea, B. Alisjahbana, A. Rizal Ganiem, R. Van Crevel\* (Nijmegen, Netherlands)
- 0103 16:24 **Mitochondrial DNA depletion in THP-1 cells is associated with impaired immune functions**  
J. Widdrington\* (Newcastle-upon-Tyne, United Kingdom), A. Gomez-Duran, A. Pyle, M. Ruchaud-Sparagano, P. Chinnery, J. Simpson
- 0107 17:12 **Different potency of azithromycin and clarithromycin in the inhibition of mTOR signalling in CD4+ T-cells**  
F. Ratzinger, W. Poepl, S. Jutz, P. Steinberger, H. Burgmann, K. Schmetterer\* (Vienna, Austria)
- 0108 17:24 **Immunosuppressive effects of chloroquine and hydroxyl-chloroquine on purified human CD4+ T-cells**  
F. Ratzinger\* (Vienna, Austria), R. Schmidt, S. Jutz, P. Steinberger, W. Pickl, H. Burgmann, K. Schmetterer
- 0109 17:36 **Efficacy and safety of intravenous ulinastatin therapy in patients with severe dengue admitted in ICU**  
Y. Javeri\* (Delhi, India), M. Rajani, D. Juneja
- 0110 17:48 **Study the role of ulinastatin as an adjuvant therapy in patients diagnosed with severe sepsis of varied aetiology**  
Y. Javeri\* (Delhi, India), M. Rajani, O. Singh, D. Juneja





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**ESCMID** EUROPEAN SOCIETY  
OF CLINICAL MICROBIOLOGY  
AND INFECTIOUS DISEASES

Monday, 27 April 2015

ME07



7:45 - 8:45

Hall I

**MEET-THE-EXPERT SESSION:**

**Novel low-cost ultrasound applications to improve infectious disease diagnoses in resource-poor settings**

Experts:

M013 Tom Heller (Munich, Germany)

M014 Francesca Tamarozzi (Ferrara, Italy)

ME08



7:45 - 8:45

Hall J

**MEET-THE-EXPERT SESSION:**

**How to screen for carriage of carbapenem-resistant bacteria?**

Experts:

M015 Annarita Mazzariol (Verona, Italy)

M016 Yehuda Carmeli (Tel Aviv, Israel)

Coorganized with: ESGARS

ME09

7:45 - 8:45

Hall K

**MEET-THE-EXPERT SESSION:**

**Fungal outbreaks: hands up and do not breathe!**

Experts:

M017 Shawn R. Lockhart (Atlanta, GA, United States)

M018 Patricia Muñoz (Madrid, Spain)

ME10



7:45 - 8:45

Hall L

**MEET-THE-EXPERT SESSION:**

**How to adapt dosing in critically ill patients?**

Experts:

M019 Alison Thomson (Glasgow, United Kingdom)

M020 Roger Brüggemann (Nijmegen, Netherlands)

Coorganized with: EPASG, ESGCIP

ME11

7:45 - 8:45

Hall M

**MEET-THE-EXPERT SESSION:**

**What bioinformatics tools do I use for whole-genome sequence (WGS)-based bacterial diagnostics and typing?**

Experts:

M021 Nick Loman (Birmingham, United Kingdom)

M022 Joao A. Carrico (Lisbon, Portugal)

Coorganized with: ESGEM, ESGMD

ME12



7:45 - 8:45

Hall N

**MEET-THE-EXPERT SESSION:**

**How to treat and manage patients with spondylodiscitis?**

Experts:

M023 Hakan Erdem (Istanbul, Turkey)

M024 Sani Aliyu (Cambridge, United Kingdom)

SY27

9:00 - 11:00

Hall A

**2-HOUR SYMPOSIUM:**

**The year in Infectious Diseases**

Chairs: Jean Paul Stahl (Grenoble, France)

Thomas Benfield (Hvidovre, Denmark)

S076a 9:00 Part I

Helen Giamarellou (Athens, Greece)

S076b 9:30 Part II

Aukse Mickiene (Kaunas, Lithuania)

S076c 10:00 Part III

Marylyn Addo (Hamburg, Germany)

The speakers broadly review the literature for either major new scientific findings in the field of clinical infectious diseases and/or practice changing papers and select the most interesting ones for presentation. A literature list will be provided.

Monday, 27 April 2015

## SY28

9:00 - 11:00 Hall C

**2-HOUR SYMPOSIUM:**  
**Clinical perspectives of human microbiome research**

*Chairs: Paul Savelkoul (Maastricht, Netherlands)*  
*Carl Erik Nord (Stockholm, Sweden)*

- S077a 9:00 Oral microbiota**  
*William G. Wade (London, United Kingdom)*
- S077b 9:30 Gut and lung microbiota**  
*W. Joost Wiersinga (Amsterdam, Netherlands)*
- S077c 10:00 Vaginal microbiota**  
*Janneke van de Wijkert (Liverpool, United Kingdom)*
- S077d 10:30 Implications of microbiome alterations due to probiotics and antibiotics**  
*Ruth Ann Luna (Houston, TX, United States)*

Coorganized with: ESGMD

## SY29

9:00 - 11:00 Hall D

**2-HOUR SYMPOSIUM:**  
**High-risk clones, changing the scenario of multidrug resistance world-wide**

*Chairs: Antonio Oliver (Palma de Mallorca, Spain)*  
*David L. Paterson (Herston, Australia)*

- S079 9:00 Gram-positive pathogens: *Staphylococcus aureus* and *Enterococcus* spp. high-risk clones**  
*Rob Willems (Houten, Netherlands)*
- S080 9:30 Gram-negative pathogens: Enterobacteriaceae, *Acinetobacter baumannii* and *Pseudomonas aeruginosa* high-risk clones**  
*Mikhail V. Edelstein (Smolensk, Russia)*
- S081 10:00 All players together: the balance between multidrug resistance and virulence**  
*Germán Bou Arevalo (La Coruña, Spain)*
- S082 10:30 The diagnostic and epidemiological challenge**  
*Jean-Marc Rolain (Marseille, France)*

## SY30

9:00 - 11:00 Hall E

**2-HOUR SYMPOSIUM:**  
**Refugees, migrants and infections**

*Chairs: Masoud Mardani (Tehran, Iran)*  
*Hakan Erdem (Istanbul, Turkey)*

- S083 9:00 Review of European facilities for migrant healthcare**  
*Sally Hargreaves (London, United Kingdom)*
- S084 9:30 Equity of access to healthcare**  
*Marie Norredam (Copenhagen, Denmark)*
- S085 10:00 Mass infections in refugee camps**  
*Hakan Erdem (Istanbul, Turkey)*
- S086 10:30 Immigrants returning home to visit friends and relatives (VFRs)**  
*Rogelio López-Vélez (Madrid, Spain)*

Coorganized with: ESGITM

## SY31



9:00 - 11:00 Hall F

**2-HOUR SYMPOSIUM:**  
**State-of-the-art in rapid diagnostics**

*Chairs: Surbhi Malhotra-Kumar (Antwerp, Belgium)*  
*Robin Patel (Rochester, MN, United States)*

- S087 9:00 Rapid testing for bacterial infections**  
*Arjana Tambic Andrasevic (Zagreb, Croatia)*
- S088 9:30 Phenotypic next generation antimicrobial susceptibility testing**  
*Alex Van Belkum (La Balme Les Grottes, France)*
- S089 10:00 Rapid testing for viral infections**  
*Jesse Papenburg (Montreal, Canada)*
- S090 10:30 Rapid diagnostics for malaria and other parasitic diseases**  
*Sanjeev Krishna (London, United Kingdom)*

Monday, 27 April 2015

## OS15

9:00 - 11:00

Hall J

## 2-HOUR ORAL SESSION:

## New weapons to fight healthcare-associated infection

Chairs: Andreas Voss (Nijmegen, Netherlands)

Benedetta Allegranzi (Geneva, Switzerland)

- 0111 9:00 **Electronic and automated surveillance of healthcare-associated infections: a qualitative survey**

M.S.M. Van Mourik\* (Utrecht, Netherlands),  
M.J.M. Bonten

- 0112 9:12 **Surveillance of infectious disease incidence in Dutch nursing homes: a possible strategy for infection control?**

E. Gijssbers\* (Bilthoven, Netherlands), A. Haenen,  
J. Alblas, S. De Greeff, L. Verhoef

- 0113 9:24 **Resources, staffing and the costs of infection control services in Australian hospitals**

B. Mitchell\* (Wahroonga, Australia), L. Hall,  
A. Gardner, D. MacBeth, K. Halton

- 0114 9:36 **Comparative efficacy of hospital hand hygiene promotion interventions: a systematic review and network meta-analysis**

N. Luangasanatip\* (Bangkok, Thailand),  
M. Hongsuwan, Y. Lubell, S. Harbarth, N. Graves,  
B. Cooper

- 0115 9:48 **Randomized, placebo-controlled, double-blind clinical trial to evaluate the efficacy of polyhexanide for topical decolonization of methicillin-resistant *Staphylococcus aureus* (MRSA) carriers**

C. Landelle\* (Geneva, Switzerland), E. Von Dach,  
T. Hausteiner, A. Agostinho, A. Renzoni, P. François,  
G. Renzi, D. Pittet, J. Schrenzel, S. Harbarth

- 0116 10:00 **Comparison of environmental and clinical isolates of XDR-*Acinetobacter baumannii* in an endemic situation**

A. AL-Hamad\* (Qatif, Saudi Arabia), T. Pal,  
H. Leskafi, H. Abbas, H. Hejles, F. Alsubikhy,  
D. Darwish, A. Ghazawi, A. Sonnevend

- 0117 10:12 **Bioreabsorbable extended release antimicrobial wrap for the prevention of breast tissue expander related infections**

G. Viola\* (Houston, TX, United States),  
J. Rosenblatt, R. Reitzel, M. Crosby, I. Raad

- 0118 10:24 **Chlorhexidine daily bath for prevention of multi-resistant microorganism (MR) colonization and infection in haematopoietic stem cell transplant (HSCT) unit in a nine year period**

E. Mendes, O. Ranzani, A.P. Marchi,  
T. Alves de Lima, U. Amigo, A.S. Levin,  
T. Guimarães, S. Figueiredo Costa\* (São Paulo,  
Brazil)

- 0119 10:36 **Nystatin versus amphotericin in selective digestive tract decontamination in critically ill patients - a quasi-experimental study**

B. Wittekamp\* (Utrecht, Netherlands), D. Ong,  
O. Cremer, M. Bonten

- 0120 10:48 **Costs associated with a strict national policy for controlling the spread of highly resistant microorganisms**

G. Birgand\* (Paris, France), C. Leroy, S. Nerome,  
L. Binh Luong Nguyen, I. Lolom,  
L. Armand-Lefevre, C. Ciotti, B. Lecorre, G. Marcadé,  
V. Fihman, M. Nicolas-Chanoine, C. Pelat,  
A. Perozziello, B. Fantin, Y. Yazdanpanah, J. Ricard,  
J. Lucet

## OS16

9:00 - 11:00

Hall K

## 2-HOUR ORAL SESSION:

## Last man falling: carbapenem resistance

Chairs: Luisa Maria Vieira Peixe (Porto, Portugal)  
Anna Skiada (Athens, Greece)

- 0121 9:00 **Infections caused by carbapenemase-producing Enterobacteriaceae (CPE) in ambulatory care in Northern Madrid, Spain**

F. Lázaro Perona, M.R. Gomez-Gilmira\*  
(Madrid, Spain), B. López Quintana,  
J.R. Paño Pardo, G. Ruiz Carrascoso,  
J. García Rodríguez

- 0122 9:12 **Incidence of infections by carbapenem-resistant Enterobacteriaceae in previously colonized critically ill patients**

L. Perez\* (Porto Alegre, Brazil), L. Antochévis,  
G. Guglielmi, C. Dias, A. Zavascki, A. Barth

- 0123 9:24 **Co-expression of extended-spectrum beta-lactamase and carbapenemase genes in Enterobacteriaceae from Dutch hospitalised patients**

M. Kluytmans - van den Bergh\* (Breda,  
Netherlands), C. Verhulst, A. Fluit, A. Friedrich,  
C. Vandenbroucke-Grauls, M. Bonten, J. Kluytmans,  
on behalf of the The SoM study group

Monday, 27 April 2015

- 0124 9:36 **Inter-hospital dissemination of KPC-3-producing *Klebsiella pneumoniae* ST512 in the south of Spain: inter-hospital transferred patients as a vector for spread**

L. Lopez Cerero\* (Seville, Spain),  
F. Fernández-Cuenca, J. Rodríguez-Baño,  
F. Rodríguez-López, A. Pascual, G. Piraso/Reipi

- 0125 9:48 **Risk factors for the acquisition of OXA-48 producing Enterobacteriaceae in a hospital outbreak setting: a matched case-control study**

M. Dautzenberg\* (Utrecht, Netherlands),  
T. Ossewaarde, M. Bonten

- 0126 10:00 **Carbapenem-resistant *K. pneumoniae* clones ST512 and ST258: similar but different**

R. Baldan\* (Milan, Italy), L. Marconi, A. Biancardi,  
A. Trovato, P.M.V. Rancoita, C. Di Serio, P. Cichero,  
C. Ossi, P. Scarpellini, P. Nizzero, A. Saracco,  
D.M. Cirillo

- 0127 10:12 **Implementation of a feasible and cost-effective screening algorithm for detection of carbapenemase-producing Enterobacteriaceae in a low prevalence setting**

C. Verfaillie\* (Ghent, Belgium), E. Vanlaere,  
S. Decroo, L. Van Vlasselaer, L. Coucke,  
J. Van Acker, A. Van den Abeele

- 0128 10:24 **Budget impact analysis of the implementation of a multicomponent intervention programme to control *Acinetobacter baumannii*-MDR (ABMDR). University Hospital Virgen del Rocío**

V. Gonzalez Galan\* (Seville, Spain), R. Valencia,  
E. Garcia Bolaños, A. Cazalla, J.A. Lepe, R. Alvarez,  
M.V. Gil-Navarro, M.J. Torres, I. Alonso, C. Martin,  
J.M. Dominguez, J.M. Cisneros, J. Aznar

- 0129 10:36 **The effect of rapid detection by LAMP for nosocomial transmission of carbapenem-resistant *Acinetobacter baumannii* (CRAB): an interrupted time series study**

N. Yamamoto\* (Osaka, Japan), S. Hamaguchi,  
Y. Akeda, P. Santanirand, K. Anusak, M. Seki,  
K. Malathum, K. Oishi, K. Tomono

- 0130 10:48 **Bundle of interventions to gain control of a two-decade endemic situation with multidrug-resistant *Acinetobacter baumannii***

R. Valencia\* (Seville, Spain), A. Cazalla,  
V. González-Galán, J.A. Lepe, R. Alvarez-Marín,  
I. Alonso-Araujo, C. Martín-Castaño,  
F. Martínez-Escalado, M.V. Gil-Navarro,  
J.M. Domínguez, J.M. Cisneros

KL05



11:30 - 12:30

Hall A

## KEYNOTE LECTURE:

Towards hepatitis C eradication

Chair: Mario Poljak (Ljubljana, Slovenia)

- K05 11:30 **Jean-Michel Pawlotsky**  
(Creteil, France)



KL06

11:30 - 12:30

Hall B

## KEYNOTE LECTURE:

World immunization week 2015 – WHO perspectives on vaccines

Chair: Lucia Pastore Celentano (Stockholm, Sweden)

- K06 11:30 **Robb Butler**  
(Copenhagen, Denmark)

Coorganized with: WHO-Europe



KL07

11:30 - 12:30

Hall C

## KEYNOTE LECTURE:

Systemic analysis of the human-associated microbiome in health and disease

Chair: Elisabeth Nagy (Szeged, Hungary)

- K07 11:30 **Paul D. Cotter**  
(Cork, Ireland)

Coorganized with: ESGAI





Monday, 27 April 2015

SY32



11:30 - 12:30

Hall D

**1-HOUR SYMPOSIUM:****Sepsis update**

Chairs: Tom Van Der Poll (Amsterdam, Netherlands)  
Thierry Calandra (Lausanne, Switzerland)

S091 11:30 Best sepsis poster award lecture

S092 11:40 What is new in severe sepsis and septic shock?

Jean-Louis Vincent (Brussels, Belgium)

S093 12:05 Bacterial toxins in sepsis

Shiranee Sriskandan (London, United Kingdom)

**Coorganized with: International Sepsis Forum (ISF)**

SY33

11:30 - 12:30

Hall E

**1-HOUR SYMPOSIUM:****Hot topics in helminthic diseases**

Chairs: Carmen-Michaela Cretu (Bucharest, Romania)  
Hanna M. Nohynek (Helsinki, Finland)

S094 11:30 Helminthic infection, coinfection and hyperinfection

Miriam José Alvarez Martinez (Barcelona, Spain)

S095 12:00 Anti-helminthic drug resistance: a big problem in veterinary practice, are humans next?

Marco Albonico (Turin, Italy)

**Coorganized with: ESGCP**

SY34



11:30 - 12:30

Hall F

**1-HOUR SYMPOSIUM:****The next step in diagnostic bacteriology: assessing colony morphology by digital imaging**

Chairs: Johan Van Eldere (Leuven, Belgium)  
Jordi Vila Estape (Barcelona, Spain)

S096 11:30 What can bacterial colony morphology tell us?  
Euiwon Bae (West Lafayette, IN, United States)

S097 12:00 Phenotypic identification of bacteria based on digital imaging

Geraldine Durand (La Balme Les Grottes, France)

OS17

11:30 - 12:30

Hall G

**1-HOUR ORAL SESSION:****ESBL emergence versus control in low prevalence settings**

Chairs: Gunnar Skov Simonsen (Tromsø, Norway)  
Nicola Petrosillo (Rome, Italy)

O131 11:30 Risk factors for acquisition and characterization of extended-spectrum beta-lactamase-producing Enterobacteriaceae in healthy travellers

M. Vading\* (Stockholm, Sweden), P. Naucclér, S. Wiklund, A. Iversen, M. Kalin, C. Giske

O132 11:42 Descriptive epidemiology of *Escherichia coli* bacteraemia in England

S. Bou-Antoun\* (London, United Kingdom), J. Davies, R. Guy, A. Johnson, E. Sheridan, R. Hope

O133 11:54 Prospective validation of cessation of contact precautions for ESBL-producing *E. coli*

S. Tschudin-Sutter\* (Basel, Switzerland), R. Frei, F. Schwahn, M. Tomic, M. Conzelmann, A. Stranden, A. Widmer

O134 12:06 Faecal carriage of extended spectrum beta-lactamase (ESBL) after urinary tract infection with ESBL-producing Enterobacteriaceae. A prospective cohort study over three years

S.B. Jørgensen\* (Bærum, Norway), A. Søråas, T.M. Leegaard, A. Sundsfjord, P.A. Jenum

O135 12:18 Household transmission of ESBL-producing bacteria

M. Haverkate\* (Utrecht, Netherlands), T. Platteel, M. Bonten, M. Bootsma

SY35

11:30 - 12:30

Hall H

**1-HOUR SYMPOSIUM:****Perspectives on infectious diseases in the era of new immunomodulatory and cancer therapies**

Chairs: Claudio Viscoli (Genoa, Italy)  
Bernd Salzberger (Regensburg, Germany)

S098 11:30 Proteasome inhibitors and immunomodulatory drugs used for multiple myeloma: relevance for infectious diseases

Elias Anaissie (Cincinnati, OH, United States)

S099 12:00 The diverse monoclonal antibodies in immunology and medical oncology: relevance for infectious diseases

Isabel Ruiz (Barcelona, Spain)

Monday, 27 April 2015

## OS18

11:30 - 12:30

Hall I

## 1-HOUR ORAL SESSION:

## Pneumonia: rapid diagnosis in clinical practice

Chairs: Adrian Egli (Basel, Switzerland)

Katja Seme (Ljubljana, Slovenia)

- 0136 11:30 Application of the BioFire FilmArray Blood Culture Identification (BCID) Panel for rapid identification of the causative agents of ventilator associated pneumonia (VAP)**  
M. Pulido-Toledano\* (Seville, Spain), P. Moreno-Martínez, F. Fernandez-Cuenca, A. Pascual, J. Garnacho-Montero, M. Antonelli, G. Dimopoulos, M.J. McConnell, J.M. Cisneros
- 0137 11:42 Performance assessment of the Luminex NxTAG® Respiratory Pathogen Panel (RPP)**  
S. Gonsalves\* (Toronto, Canada), M. Boszko, S. Fernandes, Y. Wong, W. Lau, S. Morrison, H. Zhang
- 0138 11:54 Metabolomic analysis of sera from patients with community-acquired pneumonia**  
A. Edin\* (Umeå, Sweden), A. Kauppi, D. Müller, A. Sjöstedt, A. Gylfe, A. Johansson
- 0139 12:06 Multiplex-assay for viral and bacterial respiratory pathogens identifies more than twice as many potential causative agents compared to standard request-based microbiological diagnostics**  
H. Janson\* (Växjö, Sweden), M. Bergdahl, F. Lindahl, A. Hansén
- 0140 12:18 Performance characteristics of RespiFinder® 2SMART, a novel 22-plex molecular diagnostic assay for respiratory infections**  
A. Brink\* (Maastricht, Netherlands), J. Ossel, J. Van Wegberg, Y. Ozog, M. Peeters, K. Siemieniowicz, G. Simons

## OS19

11:30 - 12:30

Hall J

## 1-HOUR ORAL SESSION:

## Epidemiology of carbapenemases

Chairs: Timothy R. Walsh (Cardiff, United Kingdom)

Laurent Poirel (Fribourg, Switzerland)

- 0141 11:30 IMP-4-producing Enterobacteriaceae from silver gulls in Australia**  
M. Dolejska\* (Brno, Czech Republic), M. Masarikova, H. Dobiasova, I. Jamborova, M. Havlicek, N. Carlile, D. Priddel, A. Cizek, I. Literak

- 0142 11:42 Multidrug-resistant and carbapenem-resistant *Klebsiella pneumoniae* in Saint-Petersburg region in Russia**

E. Barantsevich\* (St. Petersburg, Russia), L. Kornouhova, N. Barantsevich, N. Rybkova, A. Chvarz, I. Churkina, L. Ivanova, V. Goik

- 0143 11:54 Molecular characterization of ESBLs, AmpCs and carbapenemases among Enterobacteriaceae from a recent Italian nationwide survey**

A. Antonelli\* (Siena, Italy), M. Caltagirone, C. Mauri, J. Nicchi, T. Giani, F. Arena, E. Nucleo, S. Bracco, F. Luzzaro, L. Pagani, G.M. Rossolini

- 0144 12:06 OXA-48 beta-lactamase in *Enterobacter cloacae* isolates from a Spanish hospital**

J. Fernández\* (Oviedo, Spain), I. Montero, O. Martínez, A. Fleites, M.R. Rodicio

- 0145 12:18 Prospective study of rectal colonization with carbapenem-resistant *Klebsiella pneumoniae* strains**

K. Kontopoulou, K. Tsepanis, S. Vasiliou\* (Thessaloniki, Greece), S. Zotou, I. Sgouropoulos, I. Georgitzikis, E. Antoniadou, N. Voloudakis, N. Malisiovas, A. Vatopoulos, S. Metallidis

## OS20

11:30 - 12:30

Hall K

## 1-HOUR ORAL SESSION:

## Towards a better understanding of Lyme disease

Chairs: Benoît Jaulhac (Strasbourg, France)

Tatjana Avsic Zupanc (Ljubljana, Slovenia)

- 0146 11:30 Proteomics on mouse skin to identify biomarkers of active infection of *Borrelia burgdorferi sensu stricto* in disseminated manifestations**

A. Grillon, N. Boulanger, B. Westermann, S. Laurence, B. Jaulhac\* (Strasbourg, France)

- 0147 11:42 The need for standardization of molecular diagnostics in Lyme borreliosis? A Scandinavian interlaboratory comparison of molecular methods for detection of *Borrelia burgdorferi sensu lato***

M. Lager\* (Jönköping, Sweden), A. Andreassen, V. Kjelland, S. Noraas, R. Dessau, A. Petersson, R. Dargis, A. Matussek, P. Lindgren, A. Jonsson Henningsson



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- 0148 11:54 Diagnostic value of the chemokine CXCL13 and antibodies against C6 peptide in patients with neuroborreliosis**  
D. Pícha\* (Prague, Czech Republic), D. Smísková, L. Moravcová
- 0149 12:06 Meta-analysis of the diagnostic accuracy of serology tests for Lyme borreliosis**  
M.M. Leeflang\* (Amsterdam, Netherlands), H. Sprong
- 0150 12:18 Persistent Lyme Empiric Antibiotic Study Europe (PLEASE) - a randomized controlled trial of prolonged antibiotic treatment in patients with persistent symptoms attributed to Lyme borreliosis**  
A. Berende\* (Nijmegen, Netherlands), H. Ter Hofstede, F. Vos, R. Donders, H. Van Middendorp, R. Kessels, H. Knoop, M. Vogelaar, M. Tromp, F. Van den Hoogen, A. Evers, B. Kullberg

## KL08

14:30 - 15:30

Hall A

## KEYNOTE LECTURE:

**Analysis of social networks wording: how to understand and fight against vaccine scepticism**

Chair: Ron Dagan (Beer-Sheva, Israel)

- k08 14:30 Helene Lepetit**  
(Paris, France)



## SY36

14:30 - 15:30

Hall B

## 1-HOUR SYMPOSIUM:

**Young Investigator Award Ceremony & Lectures**

Chair: Annelies Zinkernagel (Zurich, Switzerland)

- S100 14:30 Presentation of the Award to Dr Garcia-Vidal**  
**14:35 Clinical research on respiratory tract infections**  
Carolina Garcia Vidal (Barcelona, Spain)
- S102 14:50 Presentation of the Award to Prof Jason Roberts**  
**14:55 Can PK/PD get us better outcomes for infected ICU patients?**  
Jason Roberts (Brisbane, Australia)

- S104 15:10 Presentation of the Award to Dr Roy Sleator**  
**15:15 Following my gut feelings...**  
Roy Sleator (Cork, Ireland)

## SY37

14:30 - 15:30

Hall C

## 1-HOUR SYMPOSIUM:

**Phylogenomics for one health**

Chairs: Frank Aarestrup (Copenhagen, Denmark)  
Ana Budimir (Zagreb, Croatia)

- S106 14:30 Host switches of high-risk clones across the animal and human interface**  
Ross Fitzgerald (Edinburgh, United Kingdom)
- S107 15:00 The small world of mobile genetic elements**  
Fernando de la Cruz (Santander, Spain)
- Coorganized with: ESGEM

## SY38



14:30 - 15:30

Hall D

## 1-HOUR SYMPOSIUM:

**Bloodstream infections and sepsis in the elderly: challenges and prospects**

Chairs: Sheldon Stone (London, United Kingdom)  
Sibel Ascioglu (Ankara, Turkey)

- S108 14:30 Short and long-term outcomes of bloodstream infections in the elderly - what matters and how best to evaluate?**  
Pilar Retamar Gentil (Seville, Spain)
- S109 15:00 Critical aspects of drug and non-drug treatment in the elderly with infection**  
Leonard Leibovici (Petah-Tiqva, Israel)
- Coorganized with: ESGBIS, ESGIE

Monday, 27 April 2015

OS21

14:30 - 15:30

Hall E

**1-HOUR ORAL SESSION:****Changing pneumococcal diseases induced by vaccination?**

Chairs: Zitta Barrella Harboe (Copenhagen, Denmark)

Klara Posfay Barbe (Geneva, Switzerland)

- 0151 14:30 Vaccination of older adults in Netherlands using the 13-valent pneumococcal conjugate vaccine: a cost-utility analysis**

M.J. Mangen\* (Utrecht, Netherlands),  
M.H. Rozenbaum, S.M. Huijts, C.H. Van Werkhoven,  
D.F. Postma, M. Atwood, A.M.M. Van Deursen,  
A. Van der Ende, E.A.M. Sanders, R. Sato,  
T.J.M. Verheij, C.E. Vissink, M.J.M. Bonten,  
G.A. De Wit

- 0152 14:42 Serotypes causing invasive pneumococcal disease in children under 18**

C. Izquierdo\* (Barcelona, Spain), P. Ciruela,  
S. Hernández, J. García-García, F. Moraga, A. Díaz,  
C. Muñoz-Almagro, A.M. Planes, J. Martínez,  
M. Fernández de Sevilla, L. Selva, S. González,  
G. Codina, M. Campins, S. Uriona, J. Batalla,  
L. Salleras, A. Domínguez

- 0153 14:54 Rates of pneumococcal disease in patients with immunocompromising conditions after implementation of pneumococcal conjugate vaccines in Toronto/Peel region, Canada**

K. Green\* (Toronto, Canada), A. Shigayeva,  
W. Rudnick, A. Plevneshi, J. Li, A. McGeer, T. Tibdn

- 0154 15:06 Trends in *Streptococcus pneumoniae* invasive diseases in children in 5 Italian regions in the era of glycoconjugate vaccines, 2008-2013**

R. Camilli\* (Rome, Italy), F. D'Ambrosio,  
M. Del Grosso, G. Errico, M.G. Caporali,  
M. Del Manso, C. Giambi, C. Vocale, L. Daprai,  
A.M. Barbui, R. Aschbacher, M. Frenguelli,  
G. Gherardi, P. D'Ancona, A. Pantosti

- 0155 15:18 Changing epidemiology of invasive pneumococcal disease after vaccination with PCV13 in Catalonia (2006-2013)**

P. Ciruela\* (Barcelona, Spain), C. Izquierdo,  
C. Muñoz-Almagro, S. Broner, S. Hernandez,  
L. Selva, M. Jané, R. Pallarés, A. Domínguez,  
The Working Group of Invasive Pneumococcal  
Disease of Catalonia

OS22



14:30 - 15:30

Hall F

**1-HOUR ORAL SESSION:****New studies in antibacterial drug PK/PD**

Chairs: Roger L. Nation (Melbourne, Australia)

Markus Zeitlinger (Vienna, Austria)

- 0156 14:30 Translational pharmacokinetic/pharmacodynamic modelling of oral and intravenous Debio 1450, a new staphylococcal-specific antibiotic**

V. Nicolas-Metral, A. Menetrey\* (Lausanne, Switzerland), M. Barbier, K. Watson, L. Iavarone,  
N. Kaplan, B. Hafkin, G. Vuagniaux, F. Wittke

- 0157 14:42 Simulation-based evaluation of PK/PD indices for meropenem across patient groups and experimental designs**

A.N. Kristoffersson\* (Uppsala, Sweden),  
P. David-Pierson, N.J. Parrott, O. Kuhlmann,  
T. Lave, L.E. Friberg, E. Nielsen

- 0158 14:54 Evaluation of ceftaroline pharmacokinetic/pharmacodynamic (PK/PD) target against diverse characterized clinical *Staphylococcus aureus* isolates in an *in vitro* hollow-fibre infection model**

R. Singh\* (Waltham, MA, United States),  
M. Almutairi, M. San Martin, A. Chen, J.E. Ambler

- 0159 15:06 Extended infusion beta-lactam exposure in patients with augmented renal clearance and *Pseudomonas aeruginosa* infection using exact MICs**

E. Wenzler\* (Chicago, IL, United States),  
C. Murphy, D. Goff, K. Bauer

- 0160 15:18 Evaluation of the *in vitro* effectiveness of two tigecycline dosing regimens against multidrug-resistant *K. pneumoniae* clinical isolates using a PK-PD model**

M. Tsala\* (Athens, Greece), S. Vourli, G. Daikos,  
L. Tzouveleakis, V. Miriagou, L. Zerva, J. Meletiadis

Monday, 27 April 2015

OS23



14:30 - 15:30

Hall G

**1-HOUR ORAL SESSION:****Current topics in solid organ transplant infectious diseases**

Chairs: Oriol Manuel (Lausanne, Switzerland)

Maria Koukoulaki (Athens, Greece)

- 0161 14:30 Effect of influenza vaccination on the production of anti-HLA antibodies and graft rejection in solid organ transplant recipients**

A. Bulnes Ramos\* (Seville, Spain),  
E. Cordero Matía, J.C. Torre Cisneros,  
J. Gavalda i Santapau, J. Carratala, P. Muñoz,  
M.D.C. Fariñas, A. Moreno, M. Montejo Baranda,  
J. Fortún, J. Marino Blanes, P. Pérez Romero

- 0162 14:42 Systematic treatment of asymptomatic bacteriuria did not decrease the incidence of pyelonephritis in kidney transplant recipients: results of a prospective randomized study**

J. Origüen\* (Madrid, Spain), F. López-Medrano,  
M.A. Orellana, E. Gutiérrez, A. García-Reyne,  
M.A. Pérez-Jacoiste, T. Ruiz-Merlo,  
M. Fernández-Ruiz, N. Polanco, C. Lumbreras,  
A. Andrés, J.M. Aguado

- 0163 14:54 Monitoring of cytomegalovirus (CMV)-specific cell-mediated immunity (CMI) in seropositive kidney transplant (KT) recipients not receiving antiviral prophylaxis: the basis for an immunoguided prophylaxis strategy**

M. Fernández-Ruiz\* (Madrid, Spain), D. Navarro,  
E. Giménez, F. López-Medrano, R. San Juan,  
P. Amat, E. González, M.A. Pérez-Jacoiste Asín,  
T. Ruiz, A. Andrés, J.M. Aguado

- 0164 15:06 Carbapenem-resistant *Klebsiella pneumoniae* (CR-KP) rectal carriage after liver transplantation: incidence and risk factors**

M. Bartoletti\* (Bologna, Italy), M.C. Morelli,  
V.R. Bertuzzo, A.D. Pinna, F. Cristini, M. Giannella, P. Viale

- 0165 15:18 High proportion of symptomatic CMV infection despite optimal practice of a preemptive CMV strategy for solid organ (SOT) and haematopoietic stem cell transplantation (HSCT) recipients**

I. Lodding\* (Copenhagen, Denmark),  
C. Da Cunha-Bang, H. Sengeløv, M. Iversen,  
A. Rasmussen, L. Vindeløv, F. Gustafsson,  
N. Kirkby, A. Mocroft, S. Schwartz Sørensen,  
J. Lundgren

KL09

14:30 - 15:30

Hall H

**KEYNOTE LECTURE:****Device-related infection**

Chair: Werner Zimmerli (Liestal, Switzerland)

- K09 14:30 Robin Patel**  
(Rochester, United States)



OS24



14:30 - 15:30

Hall I

**1-HOUR ORAL SESSION:****Now is the right time to go very deep: recent advances in molecular typing**

Chairs: Joao A. Carrico (Lisbon, Portugal)

Kate Templeton (Edinburgh, United Kingdom)

- 0166 14:30 Global spread of *Clostridium difficile* type 078 and its close relatives between animals and humans**

W. Knetsch\* (Leiden, Netherlands), E. Kuijper,  
T. Lawley, - International studygroup

- 0167 14:42 Investigating *Staphylococcus aureus* outbreaks using whole genome sequencing**

N.C. Gordon\* (Oxford, United Kingdom), A. Kearns,  
B. Pichon, D. Crook, T. Peto, S. Walker

- 0168 14:54 Vancomycin-resistant *Enterococcus faecium* in Copenhagen 2012-14 are closely related to contemporary ampicillin-resistant *E. faecium* by whole genome sequencing**

M. Pinholt\* (Hvidovre, Denmark), P. Worning,  
J. Boye Nielsen, M. Pedersen, C. Moser, H. Westh

- 0169 15:06 Genetic diversity of Shiga toxin-producing *Escherichia coli* O157:H7 recovered from human and food sources**

M. Elhadidy\* (Mansoura, Egypt), W. Elkhatab,  
E. Abo Elfadl, K. Verstraete, S. Denayer,  
E. Barbau-Piednoir, L. De Zutter, B. Verhaegen,  
K. De Rauw, D.I. Piérard, K. De Reu, M. Heyndrickx

- 0170 15:18 Occupational tuberculosis in Denmark during 21 years: 117 cases reassessed using nationwide *Mycobacterium tuberculosis* genotyping data from 6,484 potential source cases**

M.K. Pedersen\* (Copenhagen, Denmark),  
A. Bengaard Andersen, E. Svensson,  
S. Graff Jensen, P.H. Andersen, T. Lillebæk

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## OS25

14:30 - 15:30

Hall J

## 1-HOUR ORAL SESSION:

## Understanding the microbiota: recent breakthroughs

Chairs: Teresa Coque (Madrid, Spain)

Markus M. Heimesaat (Berlin, Germany)

- 0171 14:30 **Validation of IS-pro for bacterial quantification in complex microbial communities**

M. Van Doorn-Schepens\* (Amsterdam, Netherlands), A. Eck, M. Bos, D. Budding, P. Savelkoul

- 0172 14:42 **Microbiota of the earliest stool in life: a population-based study among 212 Finnish newborns**

N. Paalanne\* (Oulu, Finland), T.V. Mysore, M. Renko, M. Uhari, A.M. Pirttilä, J. Salo, T. Kaukola, T. Tapiainen

- 0173 14:54 **Distinct microbiota at first presentation of paediatric-IBD and reversal at remission**

A.E. Budding\* (Amsterdam, Netherlands), E. De Groot, P. Savelkoul, T. De Meij

- 0174 15:06 **Pathogen characterization within the microbial flora of bronchoalveolar lavages by direct sample sequencing**

G. Guigon\* (Marcy L'Etoile, France), E. Santiago-Allexant, V. Lanet, B. Bonnaud, C. Le Priol, M. Tournoud, G. Gervasi, J. Schrenzel, F. Mallard, J. Veyrieras

- 0175 15:18 **Diversity of *Pseudomonas aeruginosa* in cystic fibrosis airways**

L. Sommer\* (Hørsholm, Denmark), R. Marvig, A. Luján, A. Koza, T. Pressler, S. Molin, H. Johansen

## OS26

14:30 - 15:30

Hall K

## 1-HOUR ORAL SESSION:

## Public health concerns in STI transmissions

Chairs: Magnus Unemo (Örebro, Sweden)

Adriana Vince (Zagreb, Croatia)

- 0176 14:30 **Prevalence of genital *Chlamydia trachomatis* infection and associated risk factors in women visiting HIV counselling institutions in North Rhine-Westphalia, Germany (STI-HIT study)**

A. Lallemand\* (Berlin, Germany), V. Bremer, K. Jansen, S. Nielsen, D. Münstermann, A. Lucht, C. Tiemann

- 0177 14:42 ***Neisseria gonorrhoeae* dynamics population. What is the role of sexual networks?**

J. Serra Pladevall\* (Barcelona, Spain), A.E. Callarisa, I. Oliveira Souto, M.J. Barbera, A. Andreu Domingo

- 0178 14:54 **High prevalence of *Neisseria meningitidis* pharyngeal carriage in men who have sex with men in Slovenia, 2012-2014**

S. Jeverica\* (Ljubljana, Slovenia), U. Dolinar, M. Lobnik, B. Cigan, M. Lenart, M. Unemo, D. Golparian, M. Maticic, T. Kastrin, M. Paragi

- 0179 15:06 **When is the optimal time to retest STI clinic patients with a urogenital *Chlamydia* infection?**

J. Van der Helm\* (Amsterdam, Netherlands), R. Koekenbier, M. Van Rooijen, B. Versteeg, S. Bruisten, M. Schim van der Loeff, H. De Vries

- 0180 15:18 **Point-of-Care (POC) CD4 testing amongst gay men in Zhengzhou, Henan, China: a route to encourage the uptake of HIV VCT services?**

L. Xu\* (Birmingham, United Kingdom), A. Wildfire, J. Gu, Z. Li, Z. Liu, S. Liang, R. Xin, S. He, Z. Chang, S. Wang

## SY39

16:00 - 18:00

Hall A

## 2-HOUR SYMPOSIUM:

## Poliomyelitis eradication: steps forwards and residual threats

Chairs: Robb Butler (Copenhagen, Denmark)

Radha Kanta Ratho (Chandigarh, India)

- S110 16:00 **The Polio Endgame — achievements, challenges and course corrections at the 24 month mark**  
Hamid Jafari (Geneva, Switzerland)

- S111 16:30 **Eradicating polio in India: a story of success**  
Jagdish M. Deshpande (Mumbai, India)

- S112 17:00 **Pakistan — the Achilles' heel for polio eradication?**  
Jean-Marc Olivé (Paris, France)

- S113 17:30 **The challenges in tackling silent transmission of wild poliovirus in Israel, 2013—2014**  
Emilia Anis (Jerusalem, Israel)

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## SY40

16:00 - 18:00

Hall C

## 2-HOUR SYMPOSIUM:

News from basic science for clinical application in *Clostridium difficile* infections

Chairs: Ciaran P. Kelly (Boston, MA, United States)  
Ed J. Kuijper (Leiden, Netherlands)

- S114 16:00 New virulence factors of *Clostridium difficile***  
Wiep Klaas Smits (Leiden, Netherlands)
- S115 16:30 Clinical and epidemiological characteristics of new epidemic *Clostridium difficile* strains**  
Kate Dingle (Oxford, United Kingdom)
- S116 17:00 The significance of asymptomatic colonisation of *Clostridium difficile***  
Jenny D. Knudsen (Hvidovre, Denmark)
- S117 17:30 Therapeutic interventions of the microbiota to prevent *Clostridium difficile* infections**  
Ciaran P. Kelly (Boston, MA, United States)
- Coorganized with: ESGCD, ESGMD**

## OS27

16:00 - 18:00

Hall D

## 2-HOUR ORAL SESSION:

## Invasive fungal infections: what is new?

Chairs: Claudio Viscoli (Genoa, Italy)  
Bart Jan Kullberg (Nijmegen, Netherlands)

- 0181 16:00 Analysis of 306 episodes of yeast fungaemia due to uncommon species uncovered important variations between species, predisposing factors, and outcome**  
S. Bretagne\* (Paris, France), C. Renaudat, M. Desnos-Ollivier, K. Sitbon, O. Lortholary, F. Dromer
- 0182 16:12 Attributable mortality of ICU-acquired candidaemia**  
J.F. Timsit\* (Paris, France), O. Baldesi, S. Ruckly, A. Lepape, F. L'Heriteau, M. Aupee, S. Boussat, C. Bervas, A. Machut, S. Vaux, A. Savey, F.t. Rea-Raisin Network
- 0183 16:24 Epidemiological cohort study of systemic antifungal therapy for suspected or confirmed invasive candidiasis in ICU: the AmarCAND2 study**  
J.F. Timsit\* (Paris, France), J.P. Gangneux, J.P. Mira, P. Montravers, H. Dupont, J.M. Constantin, P.F. Perrigault, O. Lortholary, E. Azoulay, L. Olivier

- 0184 16:36 Surveillance and antifungal susceptibility of mixed invasive aspergillosis over a 13-year period**  
T. Pelaez Garcia\* (Madrid, Spain), G. Rocio, A. Ana, A. Oiahane, G. Sara, M. Emilia, B. Emilio
- 0185 16:48 Possible impact of beta-glucan assay results on the length of antifungal therapy**  
R. Murri\* (Rome, Italy), B. Posteraro, G. Scoppettuolo, G. Ventura, E. De Carolis, R. Torelli, C. Palazzolo, F. Giovannenze, R. Cauda, M. Fantoni, M. Sanguinetti
- 0186 17:00 Prospective evaluation of serum beta-glucan in patients with invasive fungal diseases**  
C. Angebault\* (Paris, France), F. Lanternier, F. Dalle, C. Schrimpf, A. Roupie, E. Paubelle, A. Scemla, P. Frange, B. Neven, F. Suarez, O. Lortholary, M. Bournoux
- 0187 17:12 Proximity ligation assay for the early detection of invasive aspergillosis**  
G. Johnson\* (Chelmsford, United Kingdom), M. Shannon, C. Thornton, S. Agrawal, C. Lass-Flörl, W. Mutschlechner, S. Bustin
- 0188 17:24 Economic evaluation of voriconazole versus posaconazole as primary prophylaxis for the prevention of invasive fungal infections in patients undergoing allogeneic haematopoietic cell transplant**  
C. Solano\* (Valencia, Spain), M. Slavin, D.I. Marks, O.A. Cornely, A. Pagliuca, E.J. Bow, I. Jarque, C. Garcia Vidal, S. Sorensen, D.J. Vanness, A. Barrueta, C. Peral, M. Kantecki, C. Charbonneau
- 0189 17:36 Evaluation of the use of antifungal drugs (AF) in solid organ transplant recipients: need for antifungal stewardship (AFS)**  
M. Valerio Minero\* (Madrid, Spain), M. Machado, P. Muñoz, C. Rodriguez, A. Vena, M. Sanjurjo, E. Bouza, on behalf the COMIC Study Group and the PROMULGA Project
- 0190 17:48 Whole-genome sequencing detects *cyp51a* mutations confer resistance to triazoles in *Aspergillus fumigatus***  
A. Abdolrasouli\* (London, United Kingdom), J. Rhodes, M. Beal, A. Chowdhary, J. Meis, T. Rogers, L. Drumright, D. Armstrong-James, M. Fisher



Monday, 27 April 2015

SY41 

16:00 - 18:00

Hall E

**2-HOUR SYMPOSIUM:****Hot topics in infective endocarditis**

Chairs: Pierre Tattevin (Rennes, France)

Nuria Fernandez-Hidalgo (Barcelona, Spain)

**S118 16:00 Management of endocarditis caused by multidrug-resistant pathogens**

José M. Miro (Barcelona, Spain)

**S119 16:30 Cardiac imaging in infectious endocarditis**

Niels Eske Bruun (Hellerup, Denmark)

**S120 17:00 Oral antibiotics for the treatment of endocarditis?**

Kasper Iversen (Herlev, Denmark)

**S121 17:30 Early cardiac surgery for whom?**

Bruno Barsic (Zagreb, Croatia)

SY42

16:00 - 18:00

Hall H

**2-HOUR SYMPOSIUM:****Insights into biofilm-associated infections**

Chairs: Thomas Bjarnsholt (Copenhagen, Denmark)

Veronika Hola (Brno, Czech Republic)

**S122 16:00 Antibiofilm peptides: potential as a broad spectrum agent**

Robert Hancock (Vancouver, Canada)

**S123 16:30 Microbial interactions in an endotracheal biofilm**

Surbhi Malhotra-Kumar (Antwerp, Belgium)

**S124 17:00 Strategies to control oral infections on the biofilm level**

Gunnel Svensäter (Malmö, Sweden)

**S125 17:30 Gene expression and caspofungin and fluconazole resistance in biofilms**

Helena Bujdakova (Bratislava, Slovakia)

OS28

16:00 - 18:00

Hall J

**2-HOUR ORAL SESSION:****New antibacterial agents — phase 2 and phase 3 clinical trials**

Chairs: Marija Santini (Zagreb, Croatia)

Michael J. Rybak (Detroit, MI, United States)

**0191 16:00 Efficacy and safety of ceftazidime-avibactam plus metronidazole versus meropenem in the treatment of complicated intra-abdominal infection – results from a Phase III programme**

J.E. Mazuski\* (Saint Louis, MO, United States),

L. Gasnik, J. Armstrong, H. Broadhurst, G. Stone,

D. Rank, L. Llorens, P. Newell, J. Pacht

**0192 16:12 Efficacy and safety of tedizolid versus linezolid in patients with complicated skin and soft tissue infection after IV, IV/oral, or oral administration**

C. De Anda\* (San Diego, CA, United States),

T. Sandison, S. Anuskiewicz, P. Prokocimer

**0193 16:24 A Phase III trial of ceftaroline fosamil 600 mg q8h versus vancomycin plus aztreonam in patients with cSSTI with systemic inflammatory response or underlying comorbidities**

M. Dryden\* (Winchester, United Kingdom),

D. Wilson, J. Iaconis, J. Gonzalez

**0194 16:36 Clinical cure and mortality outcomes with ceftobiprole medocaril versus ceftazidime plus linezolid in patients with early versus late-onset hospital-acquired pneumonia**

T. Scheeren\* (Groningen, Netherlands), T. Welte,

G. Capellier, M. Saulay, M. Engelhardt

**0195 16:48 A randomized, double-blind study comparing single-dose and short-course brilacidin to daptomycin in the treatment of acute bacterial skin & skin structure infections (ABSSSI)**

D.M. Jorgensen\* (Beverly, MA, United States),

R.W. Scott, W.A. O'Riordan, K.J. Tack

**0196 17:00 Ceftolozane/tazobactam plus metronidazole compared to meropenem in a randomized controlled phase 3 study in patients with complicated intra-abdominal infection: efficacy and safety in European patients**

B. Miller\* (Lexington, MA, United States),

M.W. Popejoy, P. Bernardo, E. Hershberger,

C. Eckmann

Monday, 27 April 2015

- 0197 17:12 Efficacy and safety of ceftolozane/tazobactam versus levofloxacin in the treatment of complicated urinary tract infections (cUTI): a European subgroup analysis**  
*D.J. Cloutier, J.A. Huntington, O. Umeh, A. Cinar, J.N. Steenbergen, F. Wagenlehner\* (Giessen, Germany)*
- 0198 17:24 Results of the lead-in study on the safety and efficacy of eravacycline versus levofloxacin in complicated urinary tract infections (cUTI)**  
*L. Tsai\* (Watertown, MA, United States), A. Marsh, P. Horn, K. Lloyd*
- 0199 17:36 Pharmacokinetics, safety and tolerability of high-dose (1000 mg) ceftobiprole medocartil administered as prolonged infusion in intensive care unit (ICU) patients**  
*A. Torres\* (Barcelona, Spain), M. Sanchez-Garcia, I. Demeyer, M. Saulay, A. Schmitt-Hoffmann, M. Engelhardt, M.S. Park*
- 0200 17:48 Baseline pathogens and patient outcomes in a phase 2 study comparing plazomicin (ACHN-490) to levofloxacin in complicated urinary tract infection (cUTI) including acute pyelonephritis (AP)**  
*L. Connolly\* (San Francisco, CA, United States), A. Serio, V. Riddle, D. Cebrik, E. Armstrong, T. Clobes, K. Hillan*
- 0203 16:24 Association between polymorphism in the gene encoding monocyte chemoattractant protein 1 and sensorineural hearing loss in congenital cytomegalovirus infection**  
*B. Kasztelewicz\* (Warsaw, Poland), J. Czech-Kowalska, M. Kornacka, K. Dzierzanowska-Fangrat*
- 0204 16:36 Cytomegalovirus (CMV) Hyperimmune Globulin (HIG) in acute CMV infection during pregnancy: to use or not to use?**  
*A. Antoniadou\* (Athens, Greece), D. Kavatha, L. Galani, V. Papaevangelou, V. Sakka, H. Giamarellou*
- 0205 16:48 Dating the origin and dispersal of oncogenic human papillomavirus type 16 inferred from complete genomes and worldwide variant isolates**  
*V.N. Pimenoff\* (Barcelona, Spain), C.M. De Oliveira, I.G. Bravo*
- 0206 17:00 Human herpes virus (HHV)-6B and HHV-7 viraemia in paediatric liver transplant recipients: correlation with clinical and virological course**  
*B. Kasztelewicz\* (Warsaw, Poland), I. Jankowska, J. Pawlowska, M. Teisseyre, K. Dzierzanowska-Fangrat*
- 0207 17:12 Epidemiology of viral respiratory infection in adult patients – a 3-year study**  
*B. Visseaux\* (Paris, France), C. Burdet, G. Voiriot, X. Lescure, T. Chougar, O. Brugière, B. Crestani, C. Charpentier, D. Descamps, J. Timsit, Y. Yazdanpanah, N. Houhou-Fidouh*
- 0208 17:24 Transmitted Drug Resistance (TDR) and non-B subtypes in acute and recent HIV infection in Barcelona (Spain): a prospective cohort study (1997-2012)**  
*J. Ambrosioni\* (Barcelona, Spain), O. Sued, D. Nicolás, P. Marta, M. López-Diéguez, A. Romero, F. Agüero, M.A. Marcos, C. Manzardo, L. Zamora, J.M. Gatell, T. Pumarola, J.M. Miró*
- 0209 17:36 ASANOD: Automated Sequence Anomaly Detection tool**  
*P.J.K. Libin, K. Deforche, A. Vandamme\* (Leuven, Belgium), K. Theys*

## OS29

16:00 - 18:00

Hall K

## 2-HOUR ORAL SESSION:

## Advances in viral infections

*Chairs: Joop E. Arends (Utrecht, Netherlands)  
Dan Otelea (Bucharest, Romania)*

- 0201 16:00 Factors associated with a diagnosis of herpes simplex viral encephalitis in patients with febrile, acute neurological impairment**  
*D. Keil, A. Rallo, S. Gennai, R. Germi, P. Morand, O. Epaulard\* (Grenoble, France)*
- 0202 16:12 Predominance of enterovirus B viruses as cause of viral meningitis in a UK Midlands population, 2008, 2011-2014**  
*C.W. Holmes\* (Leicester, United Kingdom), H. Osman, J. Tang*



Monday, 27 April 2015

- 0210 17:48 **A rapid analysis tool for next-generation sequencing-based pathogen detection and its application to the diagnosis of paediatric respiratory tract infections**
- R. Schlaberg\* (Salt Lake City, UT, United States), K. Simmon, S. Flygare, E. Graf, K. Tardif, C. Stockmann, W. Hymas, B. Kennedy, K. Ampofo, A. Pavia, K. Eilbeck, M. Yandell*



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Tuesday, 28 April 2015

## ME13

7:45 - 8:45

Hall I

**MEET-THE-EXPERT SESSION:****EUCAST: frequently asked questions***Experts:*

M025 Derek F.J. Brown (Peterborough, United Kingdom)

M026 Erika Matuschek (Växjö, Sweden)

**Coorganized with: EUCAST**

## ME14

7:45 - 8:45

Hall J

**MEET-THE-EXPERT SESSION:****How to organize and implement antimicrobial therapeutic drug monitoring?***Experts:*

M027 Andrew Lovering (Bristol, United Kingdom)

M028 Francesco Scaglione (Milan, Italy)

**Coorganized with: EPASG**

## ME15

7:45 - 8:45

Hall K

**MEET-THE-EXPERT SESSION:****When to start treatment: VAT (ventilator-associated tracheo-bronchitis) or VAP (pneumonia)?***Experts:*

M029 Saad Nseir (Lille, France)

M030 Garyfallia Poulakou (Athens, Greece)

**Coorganized with: ESGCIP, ESGNI**

## ME16

7:45 - 8:45

Hall L

**MEET-THE-EXPERT SESSION:****How and when to use non-conventional drugs for treatment of Gram-negative pathogens?***Experts:*

M031 George Daikos (Athens, Greece)

M032 Haibo Qiu (Nanjing, China)

**Coorganized with: ESGARS**

## ME17

7:45 - 8:45

Hall M

**MEET-THE-EXPERT SESSION:****How do I treat aspergillosis and mucormycosis?***Experts:*

M033 Andreas H. Groll (Münster, Germany)

M034 Anna Skiada (Athens, Greece)

**Coorganized with: EFISG**

## ME18

7:45 - 8:45

Hall N

**MEET-THE-EXPERT SESSION:****Still culturing for gastrointestinal pathogens in your lab? What might you be missing?***Experts:*

M035 Franz Allerberger (Vienna, Austria)

M036 Katharina E. P. Olsen (Copenhagen, Denmark)

**Coorganized with: EFWISG**

Tuesday, 28 April 2015

## SY43

9:00 - 11:00

Hall A

**2-HOUR SYMPOSIUM:****Clinical Grand Rounds 2015**

Moderator: Robert C. Read (Southampton, United Kingdom)

Experts: Nicholas J. Beeching (Liverpool, United Kingdom)  
 Birgitta Evengard (Umea, Sweden)  
 Souha S. Kanj (Beirut, Lebanon)  
 Patricia Munoz (Madrid, Spain)  
 David L. Paterson (Herston, Australia)

Seven cases will be presented to experienced professors of infectious disease, who will then discuss the differential diagnosis and management plan. All cases have been carefully selected for their instructive qualities and topicality, and will be presented by fellows from major infectious disease centres in Europe and beyond.

**Case Presenters:**

Ahmet Cagkan (Ankara, Turkey)  
 Andreas Knudsen (Hvidovre, Denmark)  
 Alexander Mischnik (Freiburg, Germany)  
 Lourdes Rodriguez Rojas (Madrid, Spain)  
 Lorna Stemberger Maric (Zagreb, Croatia)  
 Kristina Thorsteinsson (Hvidovre, Denmark)  
 Harjeet Singh Virk (London, United Kingdom)

**Coorganized with: Infectious Diseases Society of America (IDSA)**

## SY44

9:00 - 11:00

Hall B

**2-HOUR SYMPOSIUM:****Cutting-edge issues in translational pharmacodynamics and personalized antimicrobial therapy**

Chairs: Johan W. Mouton (Rotterdam, Netherlands)  
 Jenny Knudsen (Hvidovre, Denmark)

- S132 9:00 Therapeutic drug monitoring of beta-lactams in the ICU**  
 Jason Roberts (Brisbane, Australia)
- S133 9:30 Combination therapy to prevent emergence of resistance**  
 Alasdair P. MacGowan (Bristol, United Kingdom)
- S134 10:00 Problems in establishing PK/PD: binding to proteins, plastics, etc.**  
 Roger L. Nation (Melbourne, Australia)
- S135 10:30 Special sites: dosing for infections in the lung**  
 William Couet (Poitiers, France)

**Coorganized with: EPASG**

## OS04



9:00 - 11:00

Hall C

**2-HOUR ORAL SESSION:****PCR-based diagnosis: what's new?**

Chairs: Cecile Bebear (Bordeaux, France)  
 Thomas Hänscheid (Lisbon, Portugal)

- 0211 9:00 Evaluation of seven real-time PCR mixes for bacterial DNA contamination in 16S rRNA PCR**  
 B. Depreter\* (Ghent, Belgium), P. Cools, G. Claeys, K. Vandepoele, J. Boelens, E. Padalko, B. Verhasselt
- 0212 9:12 Comparison of microbiological and molecular (PCR rDNA 16S) techniques on excised heart valves at Toulouse University Hospital, France, 2010-2014**  
 R. Montalegre, M.F. Prère, M. Gautier, E. Oswald, L. Porte, M. Grare\* (Toulouse, France)
- 0213 9:24 A global diagnostic approach for microbial identification: accurate characterization of difficult to differentiate pathogens**  
 J. Stephenson, H. Shah\* (Colindale, United Kingdom), H. Cardasis, J. Neil, P. Yip, S. Ravela, I. Ritamo, M. Damsbo, R. Grist, J. Freeke, B. Stielow, O. Gvozdyak, K. Dukik, S. De Hoog, E. Damoc, L. Valmu, A. Cherkassky, M. Fang, T. Gaulton, R. Misra

Tuesday, 28 April 2015

- 0214 9:36 PCR/ESI-MS technology for comprehensive analysis of whole blood, sterile fluids and pneumonia patient specimens for the management of critically ill patients – the RADICAL study**  
*D. Brealey, R. Sampath\* (Carlsbad, CA, United States), N. Libert, J. Pugin, M. Picard-Maureau, D. Ecker, M. Singer, J. Vincent*
- 0215 9:48 Iridica® broad range PCR/ESI-MS applied to bronchoalveolar lavage specimens for rapid identification of bacterial pathogens**  
*M. Ullberg\* (Stockholm, Sweden), K. Strålin, V. Ozenci*
- 0216 10:00 Rapid test of urinary tract infection due to amoxicillin susceptible *E. coli* using triple real-time PCR done on fresh, uncultured urine**  
*G. Chapelet\* (Nantes, France), S. Corvec, E. Batard, G. Herbreteau, G. Potel, L. De Decker*
- 0217 10:12 Incidental finding of potentially verocytotoxigenic diarrhoeagenic *Escherichia coli* strains in a multiple fatal intoxication event: a forensic study**  
*A. Fernandez-Rodriguez\* (Madrid, Spain), S. Sanchez, M. Salguero, M. Paya, R. Abad, A. Rico, M.L. Soria, S. Herrera*
- 0218 10:24 Multiplex PCR is more sensitive than culture for the detection of bacterial pathogens in stool specimens of patients with diarrhoea**  
*B. Nadesalingam\* (Lucerne, Switzerland), E. Claas, M. Altwegg*
- 0219 10:36 Identification of immunogenic proteins and linear epitopes of *Neisseria gonorrhoeae***  
*D.O. Connor\* (Potsdam, Germany), J. Zantow, M. Hust, F.F. Bier, M. Nickisch-Rosenegk*
- 0220 10:48 Real-time PCR with high resolution melting analysis for rapid detection of resistance determinants in *Neisseria gonorrhoeae***  
*Y.N. Guilarte\* (Berne, Switzerland), A. Lupo, H. Furrer, M. Unemo, N. Low, A. Endimiani*

## SY45

9:00 - 11:00

Hall D

## 2-HOUR SYMPOSIUM:

## What is hot in HIV/AIDS in 2015?

*Chairs: Linos Vandekerckhove (Ghent, Belgium)  
 Dan Otelea (Bucharest, Romania)*

- S136 9:00 Joep Lange Memorial Lecture: where are we with low cost/generic provision of antiretrovirals?**  
*Ricardo Camacho (Lisbon, Portugal)*
- S137 9:30 European HIV testing guidelines**  
*Deniz Gökengin (Izmir, Turkey)*
- S138 10:00 HIV treatment as prevention**  
*Jens D. Lundgren (Copenhagen, Denmark)*
- S139 10:30 Modelling the end of the HIV epidemic**  
*Christophe Fraser (London, United Kingdom)*

**Coorganized with: European AIDS Clinical Society (EACS)**

## OS31

9:00 - 11:00

Hall E

## 2-HOUR ORAL SESSION:

## Insights from genomic pathogen analyses

- Chairs: Dag Harmsen (Münster, Germany)  
 John W.A. Rossen (Groningen, Netherlands)*
- 0221 9:00 Investigation of the RetS-GacAS regulatory network in clinical *Pseudomonas aeruginosa* isolates reveals evolutionary adaptation**  
*M. Lindegaard\* (Hørsholm, Denmark), R. Lykke Marving, C. Lassek, Z. Daniela, K. Riedel, S. Molin, H. Krogh Johansen, K. Long*
- 0222 9:12 Revisiting *Pseudomonas aeruginosa* lung infections: using genomics and molecular microbiology as a basis for future therapeutic strategies**  
*H.K. Johansen\* (Copenhagen, Denmark), L.M. Sommer, R.L. Marvig, T. Pressler, S. Molin*
- 0223 9:24 Genome diversity and accessory gene flow of *Escherichia coli* O25b-ST131 populations causing bacteraemia in a single tertiary Spanish hospital (1996-2012)**  
*V.F. Lanza\* (Madrid, Spain), I. Rodriguez, M. De Toro, R. Cantón, F. Baquero, F. De la Cruz, T.M. Coque*

Tuesday, 28 April 2015

- 0224 9:36 **Investigation of virulence genes in *Aerococcus urinae* and *Aerococcus sanguinicola* strains causing infective endocarditis, urinary tract infection and urosepticaemia using whole-genome sequencing**  
D. Carkaci\* (Slagelse, Denmark), X.C. Nielsen, O. Skovgaard, K. Fuursted, R. Dargis, E. Chapka, M. Stegger, P.S. Andersen, J.J. Christensen
- 0225 9:48 **Phylogenetic analysis of Mitis Group streptococci causing infective endocarditis based on house-keeping gene sequences extracted from whole genome sequencing**  
L.H. Rasmussen\* (Slagelse, Denmark), R. Dargis, F. Rosenvinge, U.S. Justesen, C. Moser, O. Skovgaard, J.J. Christensen, X.C. Nielsen
- 0226 10:00 **Genome-wide longitudinal analysis of *emm* 1 invasive Group A *Streptococcus* isolated from Belgian patients during 1994-2013**  
J. Coppens\* (Antwerp, Belgium), B.B. Xavier, J. Sabirova, C. Lammens, K. Loens, S. Malhotra-Kumar, H. Goossens
- 0227 10:12 **A combined genomic and proteomic time-lapse movie of sequential *Staphylococcus aureus* isolates from a patient and his successive female partners**  
C. Glasner\* (Groningen, Netherlands), A. Dreisbach, A. De Jong, W.F.W. Bierman, A. Otto, D. Becher, J. Dordel, S. Reuter, J.P. Arends, J.M. Van Dijk
- 0228 10:24 **Rate of mutation in *Mycobacterium tuberculosis* genome varies by locus and by geographic lineage**  
S. Hauck (Oxford, United Kingdom)
- 0229 10:36 **Rapid identification of tuberculosis mutations associated with antimicrobial resistance using NGS technology**  
K. Einer-Jensen\* (Aarhus, Denmark), A.C. Brown, M.T. Christiansen, M. Ludvigsen, P. Liboriussen, J. Johansen, J. Holdstock, D.P. Depledge, J.Z. Chan, H. Tutill, M. McAndrew, R. Williams, G. Speight, M. Schutten, J. Breuer
- 0230 10:48 **Mykrobe predictor: a desktop application identifying species and antibiotic resistance from *S. aureus* and *M. tuberculosis* raw genome sequence data**  
P. Bradley\* (Oxford, United Kingdom), T. Walker, C. Gordon, S. Earle, D. Wyllie, D. Wilson, S. Niemann, S. Feuerriegel, T.A. Kohl, N. Ismail, S.V. Omar, E.G. Smith, G. McVean, S. Walker, T. Peto, D. Crook, Z. Iqbal

SY46



9:00 - 11:00

Hall H

**2-HOUR SYMPOSIUM:****Barriers and facilitators — challenges to implementing infection control bundles**

Chairs: Jan A.J.W. Kluytmans (Breda, Netherlands)  
Barry Cookson (London, United Kingdom)

- S140 9:00 **Understanding central line-associated bloodstream infection bundle implementation on a national scale**  
Carolyn Tarrant (London, United Kingdom)
- S141 9:30 **Implementing surgical-site infection bundles across large healthcare systems**  
Loreen Herwaldt (Iowa City, IA, United States)
- S142 10:00 **Successful implementation of catheter-associated urinary tract infection prevention bundles: lessons learned**  
Sarah Krein (Ann Arbor, MI, United States)
- S143 10:30 **The case of MDR Gram-negatives**  
Jesús Rodríguez-Baño (Seville, Spain)

SY47

9:00 - 11:00

Hall J

**2-HOUR SYMPOSIUM:****A systems biology approach to understanding infections**

Chairs: Mihai G. Netea (Nijmegen, Netherlands)  
Michael Bauer (Jena, Germany)

- S144 9:00 **The interaction of the microbiome with the immune system**  
Benoit Guery (Lille, France)
- S145 9:30 **Functional genomics: identifying new host defense mechanisms**  
Anne Puel (Paris, France)
- S146 10:00 **Transcriptomics of sepsis: diagnostic promises**  
Tom Van Der Poll (Amsterdam, Netherlands)
- S147 10:30 **A systems biology understanding of fungal infections**  
Mihai G. Netea (Nijmegen, Netherlands)

Tuesday, 28 April 2015

OS32

11:30 - 12:30

Hall A

**1-HOUR ORAL SESSION:****New frontiers in MALDI-TOF**

Chairs: Ulrik Stenz Justesen (Odense, Denmark)  
 Elisabeth Nagy (Szeged, Hungary)

- 0231 11:30 Comparative evaluation of two commercially available MALDI-TOF mass spectrometry systems for the rapid and accurate identification of rapidly-growing mycobacteria**  
 T. Fritsche\* (Marshfield, WI, United States),  
 B. Brown-Elliott, R. Wallace, B. Olson, D. Alame,  
 R. Vasireddy, S. Vasireddy, J. Branda
- 0232 11:42 Single cell MALDI-TOF based identification of strains obtained from hospitalized patients**  
 H. Dekter\* (Leiden, Netherlands), C. Orelia,  
 R. Parchen, F. Koyuncu, A. Van der Zee,  
 G. Parlevliet, W. Van Leeuwen
- 0233 11:54 Rapid and simpl *Shigella* and *E. coli* differentiation by MALDI-TOF using the VITEK® MS platform**  
 M. Arzac, V. Monnin, P. Bourne-Branchu, D. Pincus,  
 H. Dwivedi, G. Devulder, G. Durand, A. Van Belkum,  
 V. Girard\* (La Balme les Grottes, France)
- 0234 12:06 Identification of clonal complex 121 *Staphylococcus aureus* strains by MALDI-TOF mass spectrometry**  
 U. Ruffing\* (Homburg/Saar, Germany), K. Vranckx,  
 M. Herrmann, L. Von Müller, S.S. Consortium

KL10

11:30 - 12:30

Hall B

**KEYNOTE LECTURE:****Behavioural science applications in antimicrobial stewardship and infection control**

Chair: Céline Pulcini (Vandoeuvre-Lès-Nancy, France)

- K10 11:30 Alison H. Holmes**  
 (London, United Kingdom)



OS33

11:30 - 12:30

Hall C

**1-HOUR ORAL SESSION:****Emerging infectious diseases**

Chairs: Amel Letaief (Sousse, Tunisia)  
 Jens D. Lundgren (Copenhagen, Denmark)

- 0235 11:30 Re-emergence of *Streptococcus agalactiae* – cross-sectional investigation of a potential zoonosis in people and cattle**  
 R. Zadoks\* (Glasgow, United Kingdom), U. Lyhs,  
 K. Persson Waller
- 0236 11:42 Nodding syndrome and epilepsy in onchocerciasis endemic regions: comparing the epidemiological situation in 3 different countries**  
 R.L. Colebunders\* (Antwerp, Belgium), A. Hendy,  
 K. Couderé, G. Musinya, M. Mandro, F. Tepage,  
 K. Verdonck, R. Echodu, S. Komyangi, M. Van Oijen,  
 J. Mokili, A. Laudisoit
- 0237 11:54 Subclinical neoehrlichiosis in two immunocompetent, tick-bitten Swedish women**  
 L. Labbé Sandelin\* (Kalmar, Sweden),  
 A. Grankvist, L. Fryland, C. Wennerås, P. Lindgren,  
 P. Forsberg
- 0238 12:06 Re-emergence of tularaemia in Netherlands since 2011**  
 D. Notermans\* (Bilthoven, Netherlands),  
 M. Koene, J. Van der Giessen, J. Rijks, M. Maas,  
 A. Stroo, B. Maraha, A. Leenders, P. Van Keulen,  
 I. Janse, C. Swaan, T. Oomen, M. De Vries,  
 F. Reubsaet, A. Gröne, H.J. Roest
- 0239 12:18 Tuberculosis in East Greenland – a cohort study of its re-emergence in an isolated, arctic population**  
 K. Bjorn-Mortensen\* (Copenhagen, Denmark),  
 A. Bengaard Andersen, A. Koch, K. Ladefoged,  
 T. Lillebaek, S. Wilk Michelsen, T. Rendal,  
 M. Andersson, J. Simonsen, B. Søborg



Tuesday, 28 April 2015

KL11

11:30 - 12:30

Hall D

## KEYNOTE LECTURE:

## Non-specific effects of vaccination: a game changer

Chair: Lucia Pastore Celentano (Stockholm, Sweden)

K11 11:30 **Peter Aaby**  
(Copenhagen, Denmark)

SY48



11:30 - 12:30

Hall J

## 1-HOUR SYMPOSIUM:

## Progressive multifocal leukoencephalopathy in HIV-infected and non-HIV-infected patients: what is new in 2015?

Chairs: José M. Miro (Barcelona, Spain)  
Jacques Gasnault (Paris, France)S148 11:30 **Pathology, clinical manifestations and complications of PML**

Paola Cinque (Milan, Italy)

S149 12:00 **Therapeutic options against JC virus**  
David B. Clifford (St. Louis, MO, United States)  
**Coorganized with: European AIDS Clinical Society (EACS)**

OS34

11:30 - 12:30

Hall G

## 1-HOUR ORAL SESSION:

## Antimicrobial tolerance of biofilms: mechanisms and solutions

Chairs: Thomas Bjarnsholt (Copenhagen, Denmark)  
Veronika Hola (Brno, Czech Republic)0240 11:30 **Enzymes catalyzing the urea and TCA cycles are important determinants of biofilm formation in methicillin-resistant *Staphylococcus aureus* USA300**J. Sabirova, S. De Backer, I. De Pauw, H. De Greve,  
J. Hernalsteens, H. Goossens, S. Malhotra-Kumar\*  
(Antwerp, Belgium)0241 11:42 **Giant extracellular matrix binding protein (EMBP) is critical for antibiotic-induced biofilm formation and immune escape**H.A. Henke, J. Weiser, N. Hector, M. Christner,  
H. Büttner, H. Rohde\* (Hamburg, Germany)0242 11:54 **Antibiotic release dynamics from calcium sulfate loaded beads in the prevention of biofilm formation in prosthetic infections**R. Howlin, C. John, S. Aiken, P. Stoodley\*  
(Southampton, United Kingdom)0243 12:06 ***Staphylococcus epidermidis* is able to induce *Candida albicans* biofilm tolerance to echinocandins**S. Kucharikova\* (Leuven-Heverlee, Belgium),  
M.A. Jabra-Rizk, P. Van Dijck0244 12:18 **Efficacy of a new triple antimicrobial impregnated external ventricular drainage catheter against Gram-negative bacteria**R. Bayston\* (Nottingham, United Kingdom),  
I. Pelegrín Senent, S. Oxana, W. Ashraf

SY50



11:30 - 12:30

Hall H

## 1-HOUR SYMPOSIUM:

## Fungal PCR

Chairs: J. Peter Donnelly (Nijmegen, Netherlands)  
Valentina Arsic (Belgrad, Serbia)S152 11:30 ***Aspergillus*-specific PCR: pros and cons**  
Lena Klingspor (Stockholm, Sweden)S153 12:00 **Pan-fungal PCR: pros and cons**  
Rosemary Barnes (Cardiff, United Kingdom)**Coorganized with: EFISG**

SY51

11:30 - 12:30

Hall I

## 1-HOUR SYMPOSIUM:

## Molecular typing as a tool for the control of MDR and XDR organisms

Chairs: Alessandra Carattoli (Rome, Italy)  
Maria Virginia Villegas (Cali, Colombia)S154 11:30 **Classic molecular typing techniques for routine infection control activities: a critical and practical appraisal**

Lorena Lopez Cerero (Seville, Spain)

S155 12:00 **Whole genome sequencing — already here?**  
Martin Llewelyn (Brighton, United Kingdom)

Tuesday, 28 April 2015

## SY52

11:30 - 12:30

Hall F

## 1-HOUR SYMPOSIUM:

## The pros and cons of manipulating the microbiome to prevent multidrug-resistant organisms

Chairs: Evelina Tacconelli (Tübingen, Germany)

Jan A.J.W. Kluytmans (Breda, Netherlands)

S156 11:30 Benefits of microbiome manipulation in reducing resistance

Mary-Claire Roghmann

(Baltimore, MD, United States)

S157 12:00 Unintended consequences of microbiome manipulation including decolonization

Stephan J. Harbarth (Geneva, Switzerland)

## OS35



11:30 - 12:30

Hall K

## 1-HOUR ORAL SESSION:

## Clinical aspects of mycobacterial infections

Chairs: Adriana Hristea (Bucharest, Romania)

Emilia Valadas (Lisbon, Portugal)

0245 11:30 Outbreak of tuberculosis in a Norwegian dance academy delineated by whole genome sequencing and high end mass spectrometry

A. Namouchi, I. Szpinda, W. Egge-Jacobsen,

E.D. Zegeye, P. Gaustad, T. Tonjum\* (Oslo, Norway)

0246 11:42 Treatment outcome for M/XDR tuberculosis under optimal circumstances

I.D. Olaru\* (Borstel, Germany), L. Meidlinger,

S. Huhulescu, A. Indra, C. Lange, R. Rumetshofer

0247 11:54 Mycobacterium avium Complex (MAC) and MAC-immune reconstitution inflammatory syndrome (IRIS) in the era of combination antiretroviral therapy (cART)

D. Smibert\* (Melbourne, Australia), J.A. Trubiano,

G.B. Cross, J. Elliott, D. Vujovic, J. Hoy

0248 12:06 Pulmonary infections and Mycobacterium abscessus complex in Vietnam: first insight

N. Bouzinbi\* (Montpellier, France), G. Arnaud Hery,

C. Lassere, M. Fangous, P. Vande Perre, A. Banuls, S. Godreuil

0249 12:18 Therapy recalcitrant disseminated infection involving prosthetic heart valves and vascular grafts

P.P. Kohler\* (Zurich, Switzerland), S.P. Kuster,

G. Bloemberg, E.C. Boettger, M. Frank, M. Roessle,

C. Boeni, V. Falk, M. Wilhelm, R. Sommerstein,

Y. Achermann, H. Sax, R. Weber, B. Hasse

## SY53

13:30 - 15:30

Hall A

## 2-HOUR SYMPOSIUM:

## The year in Clinical Microbiology

Chairs: Pierre-Edouard Fournier (Marseille, France)

Lia Monica Junie (Cluj Napoca, Romania)

S158 13:30 Part I

Alexander W. Friedrich (Groningen, Netherlands)

S159 14:00 Part II

Spyros Pournaras (Athens, Greece)

S160 14:30 Part III

Katja Seme (Ljubljana, Slovenia)

The speakers broadly review the literature for either major new scientific findings in the field of clinical microbiology and/or practice changing papers and select the most interesting ones for presentation. A literature list will be provided.

## SY54

13:30 - 15:30

Hall B

## 2-HOUR SYMPOSIUM:

## Challenges in the clinical development of new antibacterial agents

Chairs: Roman S. Kozlov (Smolensk, Russia)

Marc J.M. Bonten (Utrecht, Netherlands)

S161 13:30 News on the development of antibodies for the prevention of severe bacterial infections

Jan A.J.W. Kluytmans (Breda, Netherlands)

S162 14:00 Development of drugs for treatment of abdominal infections caused by multidrug-resistant pathogens

Philippe Montravers (Paris, France)

S163 14:30 Which changes in the regulatory landscape will be most useful?

Radu F. Botgros (London, United Kingdom)

S164 15:00 Alternative trial designs

Stephan J. Harbarth (Geneva, Switzerland)

Coorganized with: EU-IMI COMBACTE Consortium

Tuesday, 28 April 2015

OS36

13:30 - 15:30

Hall C

**2-HOUR ORAL SESSION:*****Staphylococcus aureus*: the prince of pathogens strikes back**

Chairs: Arnfinn Sundsfjord (Tromsø, Norway)

Mathias Herrmann (Homburg/Saar, Germany)

**0250 13:30 The changing epidemiology of MRSA bacteraemia in England – PVL on the increase?**A. Kearns\* (London, United Kingdom),  
S. Bou-Antoun, B. Pichon, M. Yacoub, I. Gow,  
M. Ganner, R. Hill, R. Hope**0251 13:42 Decreasing hospital-acquired non-MRSA bacteraemia rates at a London teaching hospital**

I. Eltringham (London, United Kingdom)

**0252 13:54 Usefulness of next-generation sequencing to resolve parallel outbreaks in neonatal intensive care units caused by a methicillin-susceptible *Staphylococcus aureus* strain producing the exfoliative toxin A**S. Roisin, C. Gaudin, R. De Mendonça,  
K. Van Vaerenbergh, K. De Bruyne, M. Ramarosan,  
B. Byl, H. Pouseele, O. Denis\* (Brussels, Belgium),  
P. Supply**0253 14:06 Persistent *Staphylococcus aureus* bacteraemia: associated factors from a Spanish multicentre cohort**L.E. López-Cortés\* (Seville, Spain),  
P. Pérez-Crespo, M.D. Del Toro, J. Gálvez-Acebal,  
E. Bereciartua-Bastarrica, M.D.C. Fariñas,  
M. Sanz-Franco, C. Natera, J. Corzo, J.M. Lomas,  
J. Pasquau, A. Del Arco, M.P. Martínez,  
A. Romero-Palacios, M.A. Muniain, M. De Cueto,  
A. Pascual, J. Rodríguez-Baño**0254 14:18 The first 1500+ consecutive whole genome sequenced MRSA isolates in Copenhagen, Denmark: 2013-2014**H. Westh\* (Hvidovre, Denmark), P. Worning,  
J.B. Nielsen, J.O. Jarløv, H.K. Johansen,  
M.D. Bartels**0255 14:30 Incidence, temporal trends and mortality of methicillin-sensitive *Staphylococcus aureus* in 1,234 bloodstream infections: a single-center analysis over 20 years in Switzerland**B. Wiggli\* (Basel, Switzerland), S. Tschudin Sutter,  
B. Lakatos, M. Battegay, R. Frei, A. Widmer**0256 14:42 Unusually high prevalence of oxacillin-susceptible *mecA*-positive *S. aureus* (OS-MRSA) isolates among predominant MRSA lineages in Africa**T. Conceição\* (Oeiras, Portugal), C. Coelho,  
I. Santos Silva, H. De Lencastre, M. Aires-de-Sousa**0257 14:54 Insights into the evolution of antimicrobial resistance in staphylococci isolated from companion animals: a 16-year study in Portugal**N. Couto\* (Lisbon, Portugal), C. Monchique,  
C. Marques, A. Belas, L. Telo da Gama, C. Pomba**0258 15:06 Next generation sequencing to investigate a large (1100 patients) healthcare-associated outbreak of methicillin-resistant *Staphylococcus aureus***L. Senn, O. Clerc, G. Zanetti, N.C. Gordon,  
A. Shepherd, D.W. Crook, H. Thorpe, E.J. Feil,  
D.S. Blanc\* (Lausanne, Switzerland)**0259 15:18 *S. aureus* colonization at ICU admission as a risk factor for developing *S. aureus* ICU pneumonia; a COMBACTE consortium study using a competing risks analysis**F. Paling\* (Utrecht, Netherlands), M. Wolkewitz,  
L. Bode, P. Klein Klouwenberg, D. Ong, P. Depuydt,  
L. De Bus, F. Sifakis, M. Bonten, J. Kluytmans

SY55

13:30 - 15:30

Hall D

**2-HOUR SYMPOSIUM:****New features in encephalitis**

Chairs: Marie Studahl (Gothenburg, Sweden)

Bruno Barsic (Zagreb, Croatia)

**S165 13:30 Infection triggering auto-immune encephalitis**

Jerome Honnorat (Lyon, France)

**S166 14:00 HHV6 - 7 encephalitis**

Katherine Ward (London, United Kingdom)

**S167 14:30 Novel brain imaging approaches and findings in encephalitis**

Arun Venkatesan (Baltimore, MD, United States)

**S168 15:00 Epidemiology of infectious encephalitis sequels**

Alexandra Mailles (Saint-Maurice, France)

**Coorganized with: ESGIB, French Infectious Diseases Society (SPILF)**

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## SY56

13:30 - 15:30

Hall E

## 2-HOUR SYMPOSIUM:

## Towards malaria elimination

Chairs: Martin P. Grobusch (Amsterdam, Netherlands)  
Maxime Agnandji (Lambaré, Gabon)

S169 13:30 Public health aspects and challenges  
Marcel Tanner (Basel, Switzerland)

S170 14:00 The role of antimalarial drugs  
Peter G. Kremsner (Tübingen, Germany)

S171 14:30 The role of vaccines  
Pedro Alonso (Barcelona, Spain)

S172 15:00 Malaria diagnostics  
Thomas Hänscheid (Lisbon, Portugal)

## SY57

13:30 - 15:30

Hall F

## 2-HOUR SYMPOSIUM:

## Management of chronic viral hepatitis

Chairs: Joop E. Arends (Utrecht, Netherlands)  
Dominique Salmon-Ceron (Paris, France)

S173 13:30 Fibrosis regression after cure of hepatitis C?  
Mario U. Mondelli (Pavia, Italy)

S174 14:00 Is the "lead-in" with PEG-interferon/ribavirin still reasonable?  
Adriana Vince (Zagreb, Croatia)

S175 14:30 Chronic hepatitis E  
Nassim Kamar (Toulouse, France)

S176 15:00 Treatment and long-term follow-up of delta hepatitis  
Cihan Yurdaydin (Ankara, Turkey)

Coorganized with: ESGVH

## OS37

13:30 - 15:30

Hall G

## 2-HOUR ORAL SESSION:

Dealing with *Clostridium difficile*

Chairs: Stephanie J. Dancer (Glasgow, United Kingdom)  
Lutz von Müller (Homburg/Saar, Germany)

0260 13:30 Ten-year longitudinal, population-based study of *Clostridium difficile* infection in England: trends in healthcare-associated and community-associated infection  
D. Enoch\* (Cambridge, United Kingdom),  
T. Murray-Thomas, D. Dedman, R. Tretter,  
N. Adomakoh, A. Karas, N. Francis

0261 13:42 *C. difficile* infection in French university hospital: 8 years of surveillance  
N. Khanafer\* (Lyon, France), P. Vanhems, L. Oltra,  
M. Hulin, F. Vandenesch, O. Dauwalder, C.U. Clinical  
Units at Edouard Herriot hospital

0262 13:54 A national survey for the molecular epidemiology of *Clostridium difficile* in Israel: the dissemination of the ribotype-027 clone with frequent non-susceptibility to vancomycin and metronidazole  
A. Adler\* (Tel-Aviv, Israel), T. Miller-Roll,  
R. Bernstein, C. Block, B. Mendelson, M. Parizade,  
Y. Paitan, N. Peled, Y. Carmeli, M. Schwaber

0263 14:06 Prevalence of *C. difficile* colonization at hospital admission, a cross-sectional study  
A.F. Spina\* (Vienna, Austria), S. Fenkart,  
A.M. Hirschl, F. Allerberger, H. Burgmann,  
D. Schmid, D. Mitteregger

0264 14:18 *Clostridium difficile* toxin testing by National Health Service (NHS) acute Trusts in England: 2008-2013  
S. Gerver\* (London, United Kingdom),  
A. Johnson, R. Hope

0265 14:30 Variability in testing policies and impact on *Clostridium difficile* infection rates; first report from the longitudinal European *Clostridium difficile* Infection Diagnosis Surveillance study (LuCID)  
K. Davies\* (Leeds, United Kingdom), G. Davis,  
F. Barbut, C. Eckert, N. Petrosillo, M. Wilcox

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- 0266 14:42 **Survey of diagnostic and typing capacity for *Clostridium difficile* infection across Europe in 2011 and 2014**  
*S. Van Dorp\** (Leiden, Netherlands),  
*D. Notermans, J. Alblas, F. Barbut, P. Gastmeier, A. Virolainen-Julkunen, E. Nagy, P. Spigaglia, K. Ivanova, F. Fitzpatrick, T. Morris, M. Wilcox, P. Kinross, C. Suetens, E. Kuijper, on behalf of all participants ECDIS-Net*
- 0267 14:54 **Transmissibility of *C. difficile* without contact isolation: results from a prospective observational study**  
*A. Widmer, R. Frei, T. Lawley, A. Stranden, E. Kuijper, C. Knetsch, S. Tschudin-Sutter\** (Basel, Switzerland)
- 0268 15:06 **Results of the phase 2 PUNCH CD safety study of RBX2660 (microbiota suspension) for recurrent *C. difficile* infection**  
*E. Dubberke\** (St. Louis, MO, United States),  
*R. Orenstein, K. Mullane, R. Hardi, A. Ray, M.K. Sobcinski*
- 0269 15:18 **Update of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) diagnostic guidance document for *Clostridium difficile* infection (CDI)**  
*M.J.T. Crobach\** (Leiden, Netherlands), *T. Planche, O. Dekkers, L. Terveer, C. Eckert, F. Barbut, M. Wilcox, E. Kuijper*

SY58



13:30 - 15:30

Hall H

**2-HOUR SYMPOSIUM:****Bloodstream infections in the era of MDR and XDR Gram-negative bacteria**Chairs: *Giuseppe Cornaglia* (Verona, Italy)*Camilla Rodrigues* (Mumbai, India)

- S177 13:30 **Speeding up the laboratory diagnosis of bloodstream infection**

*Martin Sundqvist* (Örebro, Sweden)

- S178 14:00 **Reporting blood culture results to clinicians: MIC, resistance mechanisms, both?**

*Christian G. Giske* (Stockholm, Sweden)

- S179 14:30 **Initial and definitive therapy - do we have sufficient evidence for guidance?**

*Maria Souli* (Athens, Greece)

- S180 15:00 **Improving clinical outcomes: from epidemiological surveillance to clinical networking**

*Jesús Rodríguez-Baño* (Seville, Spain)

Coorganized with: ESGBIS, ESGARS

SY59

13:30 - 15:30

Hall J

**2-HOUR SYMPOSIUM:****New preventive strategies in urinary tract infection**Chairs: *Niels Frimødt-Møller* (Copenhagen, Denmark)*Kazushiro Tateda* (Tokyo, Japan)

- S181 13:30 **Can we decrease antibiotic-resistant UTIs by decreasing antibiotic use on the farm?**

*Lance B. Price* (Washington, DC, United States)

- S182 14:00 **Anti-virulence pharmaceutical approaches to prevent UTI**

*Beat Ernst* (Basel, Switzerland)

- S183 14:30 **Where is the *E. coli* vaccine for UTI prevention?**

*Harry Mobley* (Ann Arbor, MI, United States)

- S184 15:00 **Prophylaxis of recurrent UTI by antibiotics and by immunostimulation**

*Florian Wagenlehner* (Giessen, Germany)

Tuesday, 28 April 2015

OS38

13:30 - 15:30

Hall K

**2-HOUR ORAL SESSION:****Topics in bacterial pathogenesis**

Chairs: Mihai G. Netea (Nijmegen, Netherlands)

Mihaela Lupse (Cluj-Napoca, Romania)

- 0270 13:30 Genome-wide association study reveals a locus for nasal carriage of *Staphylococcus aureus* in Danish crossbred pigs**  
P. Skallerup, C. Espinosa-Gongora, C.B. Jorgensen, L. Guardabassi, M. Fredholm\* (Frederiksberg, Denmark)
- 0271 13:42 First identification of genetic element that carries Toll-like receptor homologue and resistance genes in *Staphylococcus aureus***  
S. Patot\* (Lyon, France), P.R. Imbert, J. Baude, D. Hernandez, P. Martins-Simões, J. Campergue, H. Meunier, A. Tristan, O. Dumitrescu, F. Laurent, M. Bes, V. Vogel, J. Schrenzel, F. Vandenesch, S. Salcedo, P. François, L. Gérard
- 0272 13:54 Identification of *Enterobacter cloacae* virulence genes in a *Galleria mellonella* infection model through a transposon-sequencing approach**  
F. Guérin\* (Caen, France), B. Goudergues, V. Cattoir, J. Giard
- 0273 14:06 *Staphylococcus aureus* infective endocarditis versus bacteraemia strains: subtle genetic differences at stake**  
C. Bouchiat\* (Lyon, France), K. Moreau, S. Devillard, A. Mosnier, T. Geissmann, M. Bes, A. Tristan, L. Gérard, F. Laurent, L. Piroth, X. Duval, M. Celard, V. Le Moing, F. Vandenesch
- 0274 14:18 Prevalence and characterization of unusual *Staphylococcus aureus* strains with a mucoid phenotype recovered from the airways of cystic fibrosis patients**  
J. Birtel\* (Münster, Germany), B. Schwartzbeck, J. Treffon, D. Kale, J. Kahl, N. Hirschhausen, C. Neumann, J. Lee, F. Götz, H. Rohde, H. Henke, P. Küster, A. Dübbers, G. Peters, B.C. Kahl
- 0275 14:30 Effect of linezolid induced stringent response in *Staphylococcus aureus* on expression of virulence *in vitro* and *in vivo***  
K. Skinner, B. Jones, C. Gemmell, S. Lang\* (Glasgow, United Kingdom)
- 0276 14:42 CpG ODN induces protection in a murine model of pneumococcal meningitis**  
S. Ribes\* (Göttingen, Germany), L. König, S. Bunkowski, U. Hanisch, R. Nau
- 0277 14:54 Control of phase variable epigenetic virulence regulation in pneumococci**  
M. De Ste Croix, A.S. Manso, R. Haigh, M.R. Oggioni\* (Leicester, United Kingdom)
- 0278 15:06 Identification of bacterial species associated with hidradenitis suppurativa: a prospective study combining bacterial culture and metagenomics**  
H. Guet-Revillet, J. Jais, M. Delage, H. Coignard-Biehler, O. Lortholary, M. Ungeheuer, X. Nassif, A. Nassif, O. Join-Lambert\* (Paris, France)
- 0279 15:18 Evolution of the microbiome and adaptation of *Pseudomonas aeruginosa* after lung transplantation in cystic fibrosis patients**  
M. Beaume\* (Geneva, Switzerland), T. Köhler, G. Greub, L. Baerlocher, L. Farinelli, C. Van Delden, Swiss Transplant Cohort Study



Saturday, 25 April 2015

## EP01

15:30 - 16:30

ePoster Area 1

## ePOSTER SESSION:

## News in mycobacterial infection

Moderator: Miguel Viveiros (Lisbon, Portugal)

EP001 15:30 Detection of mutations associated with resistance to isoniazid in *Mycobacterium tuberculosis* clinical isolates

T. Jagielski\* (Warsaw, Poland), Z. Bakula, K. Roeske, M. Kaminski, A. Napiórkowska, E. Augustynowicz-Kopec, J. Bielecki

EP002 15:36 Molecular characterization of a clone of *Mycobacterium tuberculosis* clinical isolates with mutations *katG* A110V, *ethA* Q269STOP and *inhA* promoter -15C→T

F. Brossier\* (Paris, France), C. Sola, C. Bernard, V. Jarlier, N. Veziris, W. Sougakoff

EP003 15:42 *katG* Ser315Thr and *rpoB* 81-bp hot-spot region substitutions: reliability for detection of drug-resistant tuberculosis in Iran

D. Darban Sarokhalil\* (Tehran, Iran), M.J. Nasiri, A.A. Imani Fooladi, M. Haeili, M.M. Feizabadi

P004 15:48 Fluoroquinolones resistance in *M. tuberculosis*: correlation between mutations in *gyrA/B* genes, MGIT 960 breakpoints and minimum inhibitory concentrations in 7H10 Agar

A.M. Cabibbe\* (Milan, Italy), E. Borroni, P. Miotto, D.M. Cirillo

## EP005 15:54 Strain responsible for major ongoing tuberculosis outbreak in Argentina was resistant to six drugs by 1979

V. Eldholm\* (Oslo, Norway), J. Monteserin, A. Rieux, B. Lopez, B. Sobkowiak, V. Ritacco, F. Balloux

## EP006 16:00 Determination of non-tuberculous mycobacteria with matrix assisted laser desorption ionisation time of flight mass spectrometry

N. Koehorst\* (Hengelo, Netherlands), R. Leussenkamp - Hummelink, M. Boomgaard van den, M. Dullaert - de Boer, A. Van der Zanden, B. Mulder

## EP007 16:06 Predicting extensively drug-resistant tuberculosis among multidrug-resistant cases: a case-control study nested inside the French National cohort (1998-2013)

L. Guglielmetti\* (Paris, France), N. Veziris, C. Bernard, F. Brossier, A. Aubry, V. Jarlier, J. Robert, F.T. Laboratory Network for MDR Surveillance

EP008 16:12 The role of small RNAs during stress response in *Mycobacterium tuberculosis*

P. Miotto\* (Milan, Italy), M. Merker, B. Tizzano, S. Merella, G. Bucci, D. Lazarevic, D. Cittaro, S. Niemann, D.M. Cirillo

EP009 16:18 Analysis of *Mycobacterium leprae* strains from Japan: new trends in phylogeography

C. Avanzi\* (Lausanne, Switzerland), A. Benjak, P. Singh, P. Busso, M. Matsuoka, M. Kai, S. Cole

## EP02

15:30 - 16:30

ePoster Area 3

## ePOSTER SESSION:

## Fungal infections: diagnosis and management

Moderator: Olivier Lortholary (Paris, France)

## EP010 15:30 Bis(metil)gliotoxin detection in patients at risk of invasive aspergillosis correlates with higher mortality and use of antifungals

M. Vidal\* (Zaragoza, Spain), M.P. Domingo, P. Delgado, M.J. Revillo Pinilla, E.M. Gálvez, A. Rezusta

## EP011 15:36 Identification of Mucorales in human tissues: major contribution of PCR electrospray ionization mass spectrometry

A. Alanio\* (Paris, France), D. Garcia-hermoso, S. Mercier-delarue, F. Lanternier, M. Gits-muselli, J. Menotti, B. Denis, A. Bergeron, M. Legrand, O. Lortholary, S. Bretagne

## EP012 15:42 Performance characterization of the IRIDICA™ fungal assay\* for detection and identification of fungal pathogens associated with respiratory tract infection in immunocompromised and severely ill patients

R. Lovari\* (Carlsbad, CA, United States), C. Massire, S.X. Zhang, F. D'Alessio, M. Rounds, D. Metzgar, H.E. Carolan, D.M. Toleno, D.J. Ecker, R. Sampath, L.B. Blyn

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## EP03

15:30 - 16:30

ePoster Area 5

ePOSTER SESSION:  
Global epidemiology of pneumonia

Moderator: TBC

- EP013 15:48 **Detailed (1-3)-beta-D-glucan, mannan-antigen and anti-mannan-antibody kinetics for early diagnosis and follow-up in patients with candidaemia**

J. Held\* (Erlangen, Germany), S. Dräger,  
A. Busse Grawitz, E. Rappold, R. Meyer, T. Epting

- EP014 15:54 **VT-1161p protects immunosuppressed mice from *Rhizopus oryzae* infection**

T. Gebremariam, N. Wiederhold, A. Fothergill,  
E. Garvey, W. Hoekstra, R. Schotzinger,  
T. Patterson, S. Filler, A. Ibrahim\* (Torrance,  
CA, United States)

- EP015 16:00 **Treatment of invasive aspergillosis in patients with acute myeloid leukaemia and acute lymphoblastic leukaemia: a pharmacoeconomic evaluation of liposomal amphotericin B, voriconazole and caspofungin**

S. Heimann\* (Cologne, Germany),  
L. Scherkenbach, O.A. Cornely,  
M.J.G.T. Vehreschild, H. Wisplinghoff, B. Franke,  
J.J. Vehreschild

- EP016 16:06 **Clinical outcomes by minimum inhibitory concentrations of baseline *Aspergillus* pathogens from isavuconazole phase 3 SECURE and VITAL studies**

W. Hope\* (Liverpool, United Kingdom),  
M. Ghannoum, L. Kovanda, M. Jones, A. Kaufhold,  
M. Engelhardt, A. Santerre Henriksen

- EP017 16:12 **Early population pharmacokinetic model of posaconazole delayed release tablets in children**

M. Neely\* (Los Angeles, CA, United States),  
M. Gentry

- EP018 16:18 **A comparison of the safety profiles of isavuconazole vs voriconazole in the phase 3 SECURE study in patients with invasive mould infections**

A.J. Ullmann\* (Würzburg, Germany), D. Selleslag,  
W.J. Heinz, R. Herbrecht, G. Rahav, M. Giladi,  
M. Aoun, O.A. Cornely, N. Azie, K. Achim, E. Marc,  
J. Maertens

- EP019 16:24 **TDM of voriconazole: unnecessary luxury or fruitful expense?**

K. Vanstraelen\* (Leuven, Belgium), J. Maertens,  
K. Lagrou, I. Spriet

- EP020 15:30 **Invasive pneumococcal disease rates linked to meteorological factors and respiratory virus circulation (Catalonia, 2006-2012)**

P. Ciruela Navas\* (Barcelona, Spain), S. Broner,  
C. Izquierdo, C. Muñoz-Almagro, S. Hernandez,  
C. Esteve, R. Pallarés, M. Jané, A. Domínguez,  
The working group of Invasive Pneumococcal  
Disease of Catalonia

- EP021 15:36 **Economic burden of community acquired pneumonia (CAP) among children below 5 years of age in Mumbai, India**

S. Marfatia, T. Maniar, B. Baratu, C. Roberts,  
M. Patel, G. Rambhad, G. Canna\* (Mumbai, India)

- EP022 15:42 **Increased risk of pneumonia among German children and adults with chronic medical conditions**

S.I. Pelton\* (Boston, MA, United States),  
K.M. Shea, R. Farkouh, D.R. Strutton, S. Braun,  
C. Jacob, R. Klok, E. Gruen, D. Weycker

- EP023 15:48 **Invasive pneumococcal diseases in the Czech Republic analysis of reported cases in 2013-2014**

P. Pazdiora\* (Plzen, Czech Republic), J. Kozáková

- EP024 15:54 **Severe community-acquired pneumonia (sCAP) and positive urinary antigen test (UAT): antibiotic simplification is associated with an increase of survival rate**

A. Mothes\* (Draguignan, France), P. Del Guidice,  
B. Bertrand, C. Foucault, P. Roger

- EP025 16:00 **Invasive disease and non-bacteraemic pneumonia in immunocompromised adults in Toronto/Peel, Canada, 1995-2013**

K. Green\* (Toronto, Canada), A. Shigayeva,  
W. Rudnick, A. Plevneshi, J. Li, A. McGeer, T. Tibdn

- EP026 16:06 **The accuracy and timeliness of neuraminidase inhibitor dispensing data for predicting laboratory-confirmed influenza**

J. Papenburg\* (Montreal, Canada), K. Charland,  
G. De Serres, D. Buckeridge

Saturday, 25 April 2015

**EP027 16:12 Clinical differences between respiratory viral and bacterial mono-and dual-pathogen detected among Singapore military servicemen with febrile respiratory illness**

*M.Z.J. Ho, X. Zhao, A.R. Cook, V.J.M. Lee\*  
(Singapore, Singapore)*

**EP028 16:18 Frequency and aetiology of acute bronchitis and pneumonia in paediatric patients in the Faroe Islands**

*M. Todorovic Markovic\* (Torshavn, Faroe Islands),  
C. Pedersen, M. Gottfredsson, K.G. Kristinsson,  
F. Joensen, S. Gaini*

## EP04

15:30 - 16:30

ePoster Area 6

## ePOSTER SESSION:

## Improving molecular diagnosis of blood-borne infections

Moderator: *Mareijke Raymaekers (Hasselt, Belgium)*

**EP029 15:30 Prognostic relevance of molecular diagnosis of sepsis: a case-control study in Italy**

*E. Polilli, T. Ursini, M. Tontodonati, A. Sciacca,  
F. Trave, C. D'Amario, L. Del Duca, L. Manzoli,  
D. Palmieri, V. Cortesi, P. Fazii, P. Viale, G. Parruti\*  
(Pescara, Italy)*

**EP030 15:36 Evaluation of a suitable pre-enrichment culture medium for the detection of *Salmonella typhi* and *Salmonella paratyphi A* from whole blood samples with real-time PCR**

*M. Heckmann\* (Junglinster, Luxembourg),  
J. Schmit, F. Liners, C. Devaux, G. Iserentant,  
C. Gruhn, J. Telles, M. Steimer, W.F. Carman*

**EP031 15:42 Rapid diagnosis of sepsis using Verigene BC-GP and BC-GN test: a multicentre evaluation in Hong Kong**

*K.H. Siu (Hong Kong, China)*

**EP032 15:48 Evaluating the advanDX QuickFISH™ assay for the rapid identification of bacteria and yeasts direct from positive blood cultures**

*R.L. Gorton, M. Hussein, A. Al-Jabri,  
I. Balakrishnan, A. Lyons, T.D. McHugh, R. Smith,  
D. Mack\* (London, United Kingdom)*

**EP033 15:54 Use of the Nanosphere Verigene® Gram-negative blood culture (BC-GN) system for more rapid bacterial identification and antimicrobial optimization in patients with Gram-negative rod bacteraemia**

*T. Bias\* (Philadelphia, PA, United States), A. Jain,  
E. Beil, R. Ruffner, V. Borodin, C. Bruno, C. Emery*

**EP034 16:00 Rapid diagnosis of sepsis using the IRIDICA system (PCR/ESI-MS)**

*E. Jordana-Lluch\* (Badalona, Spain),  
M. Giménez, M.D. Quesada, B. Rivaya, C. Marcó,  
M.J. Domínguez, F. Arméstar, V. Ausina, E. Martró*

**EP035 16:06 Use of magnetic nanoparticles for specific separation and the molecular detection of microorganisms on whole blood**

*J. Rodríguez-Calviño, G. Barbeito, P. Baltar,  
A. Aguilera-Guirao, M.L. Perez del Molino,  
B. Regueiro\* (Santiago de Compostela, Spain)*

**EP036 16:12 Sepsis Flow CHIP: a new molecular system for simultaneous detection of the main pathogens responsible for nosocomial infections**

*A. Galiana Cabrera, J. Carrero-Lérida,  
S. Azrak\* (Granada, Spain), A. Olmo Sevilla,  
J.C. Rodríguez Díaz*

**EP037 16:18 Rapid diagnostic tests in patients with bacteraemia: evaluation of their impact on decision making and clinical outcomes**

*K. Vardakas, F. Anifantaki, K. Trigkidis,  
M.E. Falagas\* (Athens, Greece)*

**EP038 16:24 Broad-range PCR compared to GenoType BacIDent for the detection of pathogens directly from clinical specimens**

*L. Steindor\* (Düsseldorf, Germany),  
R. Guadarrama-Gonzalez, C.R. Mackenzie*

Saturday, 25 April 2015

## EP05

15:30 - 16:30

ePoster Area 7

## ePOSTER SESSION:

## Controlling MDR Gram-negative bacteria

Moderator: Christinia Vandebroucke-Grauls (Amsterdam, Netherlands)

**EP039 15:30 Antibiotic exposures & isolation of carbapenem-resistant/carbapenemase-producing Enterobacteriaceae (CRE/CPE): a meta-analysis**

J. Teo\* (Singapore, Singapore), Y. Cai, Y. Liew, T. Lim, A.L. Kwa

**EP040 15:36 Clinical and molecular epidemiology of *Acinetobacter baumannii* bloodstream infections**

D. Marchaim, R. Zigran, M. Gordon, B. Dassa, T. Lazarovitch, M. Silva, J.A. Carrico, V. Chalifa-Caspi, J. Moran-Gilad\* (Zerifin, Israel)

**EP041 15:42 A comprehensive modular screening protocol for multidrug-resistant Enterobacteriaceae**

J.M. Ossewaarde\* (Rotterdam, Netherlands), A. Van der Zee

**EP042 15:48 Colonization with resistant microorganisms in patients transferred from abroad. Who needs to be screened?**

T. Kaspar\* (Berne, Switzerland), A. Schweiger, S. Droz, J. Marschall

**EP043 15:54 Successful control of carbapenemase-producing *Klebsiella pneumoniae* (CP-Kp) transmission in a haematology unit: the pivotal role of active surveillance**

K. Spyridopoulou\* (Athens, Greece), M. Psychogiou, V. Sypsa, D. Goukos, V. Miriagou, A. Markogiannakis, A. Karapanou, P. Flevari, G. Gainaru, K. Koutsi, J. Meletis, G.L. Daikos

**EP044 16:00 Successful control of an outbreak of nosocomial multidrug-resistant *Klebsiella pneumoniae* in haematologic malignancy patients: evaluation of reduction through infection control interventions and active surveillance**

B. Martino\* (Reggio Calabria, Italy), A. Barbaro, D. Ielo, E.A. Martino, C. Alati, B.S. Rogolino, F. Ronco, D. Rotilio

**EP045 16:06 Successful containment of carbapenem-resistant Enterobacteriaceae spread at a multi-organ transplant institute: a single centre experience**

A. Mularoni, G. Vizzini, M. Campanella, F. Gona, G. Arena, D. Di Carlo, P.G. Conaldi, U. Palazzo, B. Gridelli, P. Grossi\* (Palermo, Italy)

**EP046 16:12 Containment of an outbreak of KPC-producing *Klebsiella pneumoniae* in a geriatric ward**

A. Anesi\* (Lodi, Italy), S. Asticcioli, D. Baroni, A. Piazza, M. Ferrari

**EP047 16:18 Decreasing disease burden in the intensive care unit; impact of infection control on multidrug-resistant *Acinetobacter baumannii***

M. Pitout\* (Abu Dhabi, United Arab Emirates)

**EP048 16:24 Benefits of molecular-based carbapenemase detection on cost effectiveness and infection control strategy**

A. Dubouix Bourandy\* (St. Jean, France), M. Hatimi, J. Lacaze, S. Sebbag, M. Bichara, V. Pietri, J. Gandois

Sunday, 26 April 2015

## EP06

13:00 - 14:00

ePoster Area 1

## ePOSTER SESSION:

## Diagnostics of bloodstream infection

Moderator: TBC

## EP049 13:00 Multimer approach for sepsis diagnostics

*D. Karlsson\* (Skovde, Sweden), A.P. Pernestig, L. Ljungström*

EP050 13:06 Rapid detection of *Candida* species directly from whole human blood

*L. Clarizia\* (Albuquerque, NM, United States), D. Standridge, M. Davila, S. Springer, R. Bauer, J. Vandervest, A. Barr, M. Norvell, J. Macemon, V. Esch*

## EP051 13:12 Blood culture fluorescence rates predict mortality in patients with invasive pneumococcal pneumonia

*D. Fink\* (London, United Kingdom), J. Ellis, C. Lakra, F. Barakat, R. Bodhani, A. Elsaghir, D. Creer*

## EP052 13:18 Performing diagnostics, especially blood cultures, on-time for infectious patients reduces length of stay and costs

*J.H. Dik\* (Groningen, Netherlands), J.R. Lo-Ten-Foe, B. Sinha, P. Nannan Panday, R. Hendrix, M. Postma, A.W. Friedrich*

## EP053 13:24 Evaluation and management of blood culture contaminations in a highly specialized national hospital

*M. Lorusso, F. Piana, D. Maritano, C. Ginardi, C. Costa\* (Torino, Italy), R. Cavallo*

## EP054 13:30 Identification by mass spectrometry and direct automated susceptibility testing from positive bottles: a rapid and standardized approach in the management of blood cultures

*C. Mauri, S. Bracco, N. Corbo, L. Principe, B. Pini, F. Luzzaro\* (Lecco, Italy)*

## EP055 13:36 Fully automated research prototype system for the immediate identification of positive blood cultures

*C. Ronsick\* (Durham, NC, United States), J.M. Hyman, M.S. Wilson, J. Walsh, J. Link, B. Clay, L. Borzhemskaya, J.S. Albert, R. Robinson, W.M. Dunne- Jr, A. Van Belkum*

## EP056 13:42 Comparative evaluation of BacT/Alert® Standard, BacT/Alert® Plus, Bactec® FX and VersaTREK® blood culture systems with simulated adult and paediatric bacteraemia conditions

*M. Beaudoin\* (Québec, Canada), P. Gervais, A. Ruest, V. Loungnarath, Y. Longtin, C. Bédard, P. Martineau, C. St-Amand, K. Morin, J. Longtin*

## EP057 13:48 Rapid identification of microorganisms from positive blood cultures by VITEK® MS (MALDI-TOF) after a short-term incubation on solid medium

*M.I. Feijo Pinto\* (Lisbon, Portugal), I. Carreira, R.M. Barros*

## EP058 13:54 Implementation of WASP automation for blood culture confirmation

*M. Favaro, M. Pelliccioni, M. Magnanti, E. Basile, C. D'Orazi, C. Fontana\* (Rome, Italy)*

## EP07

13:00 - 14:00

ePoster Area 2

## ePOSTER SESSION:

## Molecular epidemiology of ESBL and carbapenemase-producing Enterobacteriaceae

Moderator: Marek Gniadkowski (Warsaw, Poland)

EP059 13:00 High prevalence of ST131 among extended spectrum beta-lactamase producing *E. coli* among inpatients in the metropolitan Detroit area

*E.T. Martin\* (Ann Arbor, MI, United States), P. Awasthy, D. Marchaim, J.M. Pogue, K. Hayakawa, K.S. Kaye*

EP060 13:06 Epidemiology of ESBL-producing *Escherichia coli* ST131 recovered from rectal swabs from hospitalized patients: results from an active ESBL-surveillance screening project (R-GNOSIS)

*M. Hernández-García\* (Madrid, Spain), N. López-Fresneña, I. Merino, C. Díaz-Agero, A. Moreno-Bofarull, J.M. Aranaz, R. Cantón, P. Ruiz-Garbajosa*

EP061 13:12 The transmission of *bla* CTX-M-1/-32 throughout the pig production cycle is independent of *E. coli* clones or epidemic plasmids

*M.C. Pomba\* (Lisbon, Portugal), M. Centeno, A. Belas, L. Pinheiro, N. Couto, T. Nunes, V. Almeida, L. Alban*

Sunday, 26 April 2015

## EP08

13:00 - 14:00

ePoster Area 4

ePOSTER SESSION:  
Fungal epidemiology today

Moderator: TBC

EP062 13:18 The genetic relatedness of *Proteus mirabilis* strains co-producing ESBL and AmpC beta-lactamases

A. Michalska\* (Białystok, Poland), P. Sacha, T. Hauschild, D. Ojdana, P. Wiecek, P. Majewski, E. Trynieszewska

EP063 13:24 Characterization of the surrounding genetic environment of the *bla* VEB-4, associated with a transposable region in a *Proteus mirabilis* clinical isolate

P. Espinal\* (Barcelona, Spain), E. Miró, L. Ramoneda, M. Flores, A. Rivera, F. Navarro

## EP064 13:30 Checking up on resistance: a phenotypic and genotypic analysis of extended spectrum beta-lactamase and carbapenemase-producing Enterobacteriaceae

S. Schwenk\* (London, United Kingdom), G.M. Platt, Y. Personne, L. Grgic, V. Gant, A. Zumla, V. Enne

EP065 13:36 High frequency of non-ST258 *Klebsiella pneumoniae* harbouring KPC in tertiary-care hospitals from Medellín-Colombia

A.M. Ocampo, A.V. Cienfuegos\* (Medellín, Colombia), L. Chen, E.A. Rodriguez, C.A. Vargas, B.N. Kreiswirth, J.N. Jiménez

## EP066 13:42 Consecutive analyses of colonized patients involved in an outbreak with KPC-2 producing Enterobacteriaceae in a German hospital

A. Schielke\* (Berlin, Germany), Y. Pfeifer, M. Pietsch, H. Blank, U. Kepper, W. Fried-Proell, C. Wendt, M. Kaase, G. Werner, M. Abu Sin

## EP067 13:48 Plasticity and diversification of OXA-48 genetic support

R. Beyrouthy\* (Clermont-Ferrand, France), F. Robin, M. Hamzé, R. Bonnet

## EP068 13:54 Beta-lactamases found in European countries SMART 2013

K. Kazmierczak\* (Schaumburg, IL, United States), M. Hackel, S. Rabine, R. Badal, D. Biedenbach, A. Johnson, M. Motyl

## EP069 13:00 Epidemiology and clinical reporting of candidaemia in Belgium: a national prospective study (TANSIR trial)

C. Trouvé\* (Leuven, Belgium), S. Blot, M. Hayette, H. Rodriguez-Villalobos, S. Patteet, F. Symoens, E. Van Wijngaerden, K. Lagrou

## EP070 13:06 Filamentous fungi colonization is related to nebulized antibiotic therapy in cystic fibrosis adult patients

A. Blanco\* (Madrid, Spain), R.M. Girón, M.D. Guerrero, A. Miqueleiz, E. García, B. Buendía

## EP071 13:12 ICU-acquired candidaemia in France: epidemiology and temporal TRENDS, 2004-2013 from the REA-RAISIN network

O. Baldesi\* (Aix en Provence, France), J.F. Timsit, S. Ruckly, A. Lepape, F. L'heritier, M. Aupee, S. Boussat, C. Bervas, A. Machut, S. Vaux, A. Savey, F.T. Rea-Raisin network

## EP072 13:18 Prediction of survival in patients with invasive pulmonary aspergillosis using volumetric analysis of computed tomography scans, galactomannan and absolute neutrophil count

J.J. Vehreschild\* (Cologne, Germany), C. Heussel, M. Brecht, M.J.G.T. Vehreschild, P. Köhler, O.A. Cornely

## EP073 13:24 One year epidemiological study of invasive mold infections (IMIs) in patients admitted to intensive care units (ICUs) in Spain. Risk factors associated with ICU mortality

J. Peral\* (Madrid, Spain), J.E. Guerrero, J. Ballus, M. Perez, J. Garnacho, J.C. Robles, J.C. Montejo, J. Alvarez, J. Castaño, P. Ramírez, L. Teja

## EP074 13:30 Epidemiology of invasive fungal infections in patients after allogeneic haematopoietic stem cell transplantation from 2009 until 2013 in a Swiss transplant cohort study

S. Kuster\* (Basel, Switzerland), S. Stampf, V. Baettig, S. Gerull, J. Passweg, N. Mueller, U. Schanz, B. Gerber, C. Berger, Y. Chalandon, C. Van Delden, M. Weisser, N. Khanna



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## EP075 13:36 Intensive care unit patients with candidaemia

D. Kett\* (Miami, FL, United States), R. Schein,  
C. Cely, D. Heller, S. Bajaj, G. Rajan, E. Mercado,  
F. Caceres, A. Quartin

## EP076 13:42 TriReg a Europe-wide study of trichosporonosis

D. Seidel\* (Cologne, Germany), K. Wahlers,  
M.J.G. Vehreschild, P. Köhler, S. Teshome,  
C. Lass-Flörl, O. Cornely

## EP077 13:48 The ROCANET study: Results from a prospective observational survey of candidaemia in Rome

N. Petrosillo, B. Posteraro, E. De Carolis, A. Vella,  
M. Sanguinetti\* (Rome, Italy), M. Tumbarello,  
M. Venditti

EP078 13:54 Prosthetic valve endocarditis due to *Candida* spp. (PVE-C): management and outcome (2005-2013)

C. Rivoisy\* (Paris, France), A. Vena, L. Chartier,  
C. Charlier, E. Bouza, E. Navas, O. Lortholary,  
A. Lefort, P. Munoz, Mycendo Study Group,  
GAME Study Group

## EP09

13:00 - 14:00

ePoster Area 5

## ePOSTER SESSION:

## Understanding staphylococcal pathogenesis and evolution

Moderator: Jodi A. Lindsay (London, United Kingdom)

EP079 13:00 Prevalence, antibiotic susceptibility and genetic diversity of *Staphylococcus aureus* from cystic fibrosis patients in a Spanish multicentre study

R. Del Campo, J. De Dios Caballero\* (Madrid, Spain), M. Cobo, A. Vindel, R. Cantón, G. Working Group

EP080 13:06 Methicillin-resistant *Staphylococcus epidermidis* and *Staphylococcus haemolyticus* in Portugal a comparison between companion animals and humans in close contact

N. Couto\* (Lisbon, Portugal), A.C. Rodrigues,  
A. Belas, C. Marques, C. Pomba

## EP081 13:12 Prevalence of the immune evasion gene cluster in CC398

C. Cuny, M. Abdelbary, F. Layer, G. Werner,  
W. Witte\* (Wernigerode, Germany)

EP082 13:18 Low prevalence of *mec* genes in oxacillin-resistant *Staphylococcus* species isolated from poultry liver

L. Vaskeviciute, M. Virgailis\* (Kaunas, Lithuania),  
R. Siugzdiniene, I. Klimiene, R. Mockeliunas,  
M. Ruzauskas

EP083 13:24 Low proportion of mupirocin resistance in *S. aureus* isolates collected from four Belgian nationwide surveillances between 2005 and 2014

C. Nagant\* (Brussels, Belgium), A. Deplano,  
C. Nonhoff, R. De Mendonça, R. Sandrine,  
M. Dodémont, O. Denis

EP084 13:30 Molecular epidemiology of *Staphylococcus epidermidis* at a tertiary academic hospital in Pretoria, South Africa: a cross-sectional study

W. Strasheim\* (Pretoria, South Africa), M. Kock,  
V. Ueckermann, E. Hoosien, A. Dreyer, M. Ehlers

EP085 13:36 Variation of *Staphylococcus aureus* antimicrobial profiles and toxin determinants in São Tomé and Príncipe from 2010 to 2014

C. Coelho, T. Conceicao, I. Santos Silva,  
H. De Lencastre, M. Aires-de-Sousa\* (Oeiras, Portugal)

EP086 13:42 Epidemiological analysis of methicillin-resistant *Staphylococcus aureus* isolates from tedizolid phase 3 clinical trials

R. Goering, M. Bensaci, H. Patel\* (Omaha, NB, United States), G. Thorne

EP087 13:48 Whole genome sequencing and CGE servers in public health microbiology, analyses of *mecC* gene positive, methicillin-resistant *Staphylococcus aureus* isolated in Finland 2003 - 2014

L. Lindholm\* (Turku, Finland), S. Nykäsenoja,  
M. Rantala, J. Vuopio, J. Jalava

EP088 13:54 Conversion from heterogeneity to homogeneity-induced oxacillin-resistance in oxacillin-susceptible *mecA*-positive *Staphylococcus aureus* in a patient with persistent bacteraemia

Y. Li\* (Changhua City, Taiwan), C. Liu, J.J.W. Chen,  
L. Lin, H. Chang, C. Chang, W. Ko, C. Liao

Sunday, 26 April 2015

## EP10

13:00 - 14:00

ePoster Area 6

## ePOSTER SESSION:

## Environment and healthcare-associated infections

Moderator: TBC

## EP089 13:00 Preventing infections through cleaner hospitals: an environmental cleaning bundle

M. Allen\* (Brisbane, Australia), K. Halton, L. Hall, C. Welsh, N. Graves

## EP090 13:06 Clinical evaluation of the efficacy of a cold air atmospheric pressure plasma prototype for decontamination of hospital surfaces

T. Claro, C.P. Murphy, N. O'Connor, S. Daniels, H. Humphreys\* (Dublin, Ireland)

EP091 13:12 Air surveillance after a pseudo-outbreak of *Penicillium pimateouiense* in a tertiary care hospital, Thailand

A. Fakthongyoo\* (Uttaradit, Thailand), B. Saiesub

## EP092 13:18 Impact of laminar airflow ventilation on surgical site infections following prosthetic joint surgery: a systematic review

P. Bischoff\* (Berlin, Germany), P. Gastmeier

## EP093 13:24 Infection control implications of a common canister programme for inhaled respiratory treatments

K. Couch\* (Stevensville, MD, United States)

## EP094 13:30 HyperDRYMist® technology greatly enhances surface bacterial decontamination in dialysis centre

C. Garzoni\* (Lugano, Switzerland), C. Solcà, F. Villa, C. Ferrier-Guerra

## EP095 13:36 Chlorhexidine-containing dressings for external ventricular drainages in order to reduce meningoventriculitis rates: a before and after trial

S. Scheithauer\* (Göttingen, Germany), H. Schulze-Steinen, A. Höllig, H. Häfner, L. Lopez-Gonzalez, G. Marx, S. Lemmen

## EP096 13:42 Improvement of flexible and thermosensitive endoscope cleaning-disinfection and storage by a centralized process: impact on the microbiological quality

F. Le Gallou\* (Nantes, France), N. Bodet, N. Ferronniere, D. Lepelletier

EP097 13:48 Prevalence of *Legionella* spp., risk factors for contamination and effectiveness of thermal disinfection in private buildings in Germany

E. Kruse\* (Cologne, Germany), A. Wehner, H. Wisplinghoff

EP098 13:54 Carbapenem-resistant *Klebsiella pneumoniae* survive for longer on mattress fabric and are more resistant to hypochlorite than other carbapenem-resistant Enterobacteriaceae

C. Ogbonda, F. Nolan, H. Humphreys, D. Fitzgerald-Hughes\* (Dublin, Ireland)

## EP11

13:00 - 14:00

ePoster Area 8

## ePOSTER SESSION:

## Prosthetic joints, heart surgery and neurosurgery – infection is the link!

Moderator: TBC

## EP099 13:00 Aetiology of prosthetic joint infections (PJIs) according to the type of infection in a large multicenter cohort: impact of antimicrobial resistance

N. Benito\* (Barcelona, Spain), M. Franco, A. Ribera, A. Soriano, C. Pigrau, L. Sorli, G. Fresco, M. Fernández-Sampedro, M.D. Del Toro, L. Guío, C. Marinescu, E. Sánchez-Rivas, A. Bahamonde, E. Sandoval, J. Baraia-Etxaburu Artetxe, A. Moreno, A. Jover-Sainz, A. Blanco Fernández de Morentín, A. Ramos Martínez, B. Sobrino

## EP100 13:06 Differential characteristics and risk factors of revision prosthesis joint infection. Is it necessary to change their management?

M.D. Del Toro\* (Seville, Spain), C. Peñas, J. Corzo, J. Palomino, E. Nuño, B. Sobrino, F.M. Bru, A. Del Arco, M.L. Bertrand, C. Natera, J.M. Lomas, J.M. Fajardo, M. Torres-Tortosa, A. Romero, J. Delgado, M.A. Muniain Ezcurra, J. Rodríguez-Baño

Sunday, 26 April 2015

**EP101 13:12 Prevention and predictors of surgical site infection following total knee arthroplasty**

*E. Ott, S. Adelmund, F. Schwab, F. Bange, F. Gossé, I. Chaberny\* (Leipzig, Germany)*

**EP102 13:18 Oral therapy, microbiological findings and comorbidity influence outcome of PJI undergoing two-stage exchange**

*T. Ascione\* (Napoli, Italy), G. Balato, M. Mariconda, D. Rosa, R. Rotondo, G. De Stefano, P. Pagliano*

**EP103 13:24 Mediastinitis risk score (MED-score): a new score to predict risk of mediastinitis after heart surgery**

*M. Nieto\* (Madrid, Spain), C. Fernandez, E. Velasco, M. Rodriguez, B. Jordan, M. Bringas, J. Martin, L. Maroto, M. Sanchez*

**EP104 13:30 Sternal wound infection after cardiac surgery: incidence and risk factors according to clinical presentation**

*A. Lemaigen\* (Paris, France), G. Birgand, W. Ghodbane, I. Lolom, S. Belorgey, F. Lescure, L. Armand-Lefevre, R. Raffoul, M. Dilly, P. Nattaf, J. Lucet*

**EP105 13:36 Nosocomial infections following paediatric cardiac surgery: incidence, aetiology and analysis of risk factors**

*S. Simsek Yavuz\* (Istanbul, Turkey), N. Yurtseven, N. Yapici, A.R. Karaci, A. Sensoy, S. Ada, F. Dinçer, Z. Aykaç, I. Yekeler*

**EP106 13:42 Preventing ventriculostomy-related infections with antibiotic-impregnated drains in neurosurgical patients: a cohort study**

*J.D.M. Verberk\* (Utrecht, Netherlands), M.J.M. Bonten, M.S.M. Van Mourik*

**EP107 13:48 Multidrug-resistant *Acinetobacter* meningitis in neurosurgical patients with intraventricular catheters (IVC): prognostic factors**

*O. Martinez, A. Fleites, A. Blanco, M. Alvarez, V. Pintado, J. Fernandez, S. Rojo, M. Telenti, F. Vazquez, A. Rodriguez-Guardado\* (Oviedo, Spain)*

**EP108 13:54 Prospective surveillance of surgical site infection after cranial neurosurgery: infection rate and risk factors**

*C.B. Strahm\* (St. Gallen, Switzerland), B. Schöbi, W. Albrich, G. Hildebrandt, M. Schlegel*

Monday, 27 April 2015

## EP12

13:00 - 14:00

ePoster Area 1

## ePOSTER SESSION:

## Testing MDR: Gram-negatives

Moderator: Martin Kaase (Bochum, Germany)

- EP109 13:00 **In vitro** antibiotic synergy in multidrug-resistant (MDR), extensively drug-resistant (XDR) and pan-drug-resistant (PDR) *Acinetobacter baumannii*

S. Jang\* (Gwang-Ju, Korea), G.C. Park, J.A. Choi, S.H. Jeong, G. Park, S.H. Kang, D.S. Moon

- EP110 13:06 Characteristics of *Acinetobacter baumannii* complex from bacteraemia of ICU patients at a tertiary hospital in China

C. Qu, M. Kang\* (Chengdu, China), Z. Chen, Y. Xie

- EP111 13:12 Role of plasmid carrying *tetX* in the acquisition of tigecycline resistance in *Acinetobacter baumannii*

V. Sánchez Encinales\* (Seville, Spain), R. Parra Millán, R. Álvarez Marín, M.E. Pachón Ibáñez, F. Fernández Cuenca, Á. Pascual, L. Martínez Martínez, J. Vila, G. Bou, M. Tomás, J.M. Cisneros, J. Pachón, S. Younes

- EP112 13:18 Determination of virulence and resistance genes found in multidrug-resistant *Acinetobacter baumannii* isolates by whole genomic sequencing

G. Leite, C. Rizek, F. Rossi, R. Stabler, A. Levin, S. Costa\* (São Paulo, Brazil)

- EP113 13:24 Synergistic effect of the antibiotic and the terpenic components of the essential oils against *Acinetobacter baumannii*

C. Valcourt Sainz\* (Angers, France), P. Saulnier, M.L. Joly-Guillou

- EP114 13:30 Study of the *in vitro* efficacy of ceftazidime-avibactam against multi-resistant Enterobacteriaceae in Hospital Universitario La Paz in Madrid

M. Muñoz-Vélez, R. Gómez-Gil\* (Madrid, Spain), P. Pescador-Martín, J. García-Rodríguez

- EP115 13:36 Mutant Prevention Concentration (MPC) values for amikacin tested against clinical isolates of ESBL-positive *Klebsiella pneumoniae*: consideration of amikacin inhale pulmonary drug concentrations

J.M. Blondeau\* (Saskatoon, Canada), S. Shebelski, F. Ji

- EP116 13:42 *In vitro* antibacterial activity of doripenem in clinically significant Gram-negative bacterial blood isolates

S. Choi, J. Chung\* (Seoul, Korea), M. Lee

- EP117 13:48 MIC difference between colistin and polymyxin B: are they interchangeable in the treatment of carbapenem-resistant Enterobacteriaceae infections?

C.M.D.D.M. Carrilho\* (Londrina, Brazil), D.M.C. Prina, C.M.C. Grion, L.T.Q. Cardoso, L.M. Oliveira, L.C. Santos, J.J. Gaudereto, S.F. Costa

- EP118 13:54 Prevalence and antimicrobial resistance *Pseudomonas aeruginosa* in the wound swabs: eight-year study

D. Bekic Zelic\* (Sarajevo, Bosnia and Herzegovina), M. Sisirak, A. Dedic-Ljubovic

## EP13

13:00 - 14:00

ePoster Area 2

## ePOSTER SESSION:

## Urine sampling for infection diagnostics

Moderator: Juan Luis Muñoz Bellido (Salamanca, Spain)

- EP119 13:00 Prospective analysis demonstrates that flow cytometry (UF1000i) screening leads to significant reduction of urinary cultures, reporting time and costs in a microbiology laboratory

P. Sinha\* (Klagenfurt, Austria), V. Schliesser, S. Sussitz, W. Hopfenmüller

- EP120 13:06 Validation and comparison of Copan UriStraw to BD Vacutainer C&S for bacteria viability in urine samples

R. Botrugno\* (Brescia, Italy), A. Giambra, L. Navarria, G. Martello, R. Paroni, S. Castriciano

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**EP121 13:12 Evaluation of WASPLab™ software for automatic image analysis of urine culture plates**

*C. Lacchini\** (Milan, Italy), *A. Bielli, C. Vismara, C. Grimaldi, S. Oliani, G. Gesu*

**EP122 13:18 Proposal of a new protocol for rapid bacterial identification and susceptibility testing directly from urine samples**

*Y. Zboromyrska\** (Barcelona, Spain), *E. Rubio, A. Mons, I. Campo, J. Bosch, F. Marco, J. Vila*

**EP123 13:24 Evaluation of the new bioMérieux Chromid® CPS® elite media for the detection of urinary tract pathogens**

*A. Carricajo, J. Rigaill, C. Mahinc, N. Fonsale, B. Pozzetto, P. Verhoeven\** (Saint-Etienne, France), *F. Grattard*

**EP124 13:30 Rapid diagnosis of urinary tract infection by Alfred60 automated system regulates antibiotics usage in the obstetrics & gynecology ward**

*K. Athamna, A. Zbriger, T. Shoshani, E. Tannous, K. Amarney, S. Freimann\** (Hadera, Israel)

**EP125 13:36 Assessing the reading of urine cultures using digital images**

*J. Glasson, M. Summerford\** (Adelaide, Australia), *A. Leibelt*

**EP126 13:42 Clinical usefulness of *Streptococcus pneumoniae* urinary antigen test in the diagnosis of pneumococcal pneumonia, stratified by age, severity and pneumococcal serotypes**

*C. Min Joo\** (Seoul, Korea), *S. Joon Young, C. Hee Jin, J. Ji Ho, K. Seong Hee, J. Eun Joo, N. Ji Yun, K. Woo Joo*

**EP127 13:48 Evaluation of the performance of the Uni-Gold™ *Legionella* urinary antigen PLUS lateral flow rapid test**

*L. Soler, K. Clarke\** (Bray, Ireland), *B. Dejoy*

**EP128 13:54 Evaluation of new immunofluorescence lateral flow test for *Legionella pneumophila* serogroup 1 antigen detection in urine samples**

*J. Diaz-Camacho, M. Pérez, B. Molina-Moya, P. Araque, R. Villar-Hernández, N. Pagan, E. García, M. Gomes-Fernandes, A. Lacoma, V. Ausina, C. Prat, J. Dominguez\** (Badalona, Spain)

**EP14****13:00 - 14:00****ePoster Area 3****ePOSTER SESSION:****Pneumonia: the right diagnosis and treatment**

Moderator: *Jordi Carratala* (Barcelona, Spain)

**EP129 13:00 Evaluation of the performance of the Uni-Gold™ *S. pneumoniae* (urinary antigen) lateral flow rapid test**

*J. Diaz-Camacho, M. Pérez, S. Molinos, B. Molina-Moya, R. Villar-Hernández, N. Pagan, E. García, M. Gomes-Fernandes, A. Lacoma, V. Ausina, C. Prat, J. Dominguez\** (Badalona, Spain)

**EP130 13:06 Use of novel multiplex real-time PCR for detection and quantification of eight bacteria in patients with community-acquired pneumonia**

*N. Gadsby\** (Edinburgh, United Kingdom), *M. McHugh, C. Russell, H. Mark, A. Conway Morris, I. Laurenson, A. Hill, K. Templeton*

**EP131 13:12 Clinical evaluation of the need for carbapenems to treat community-acquired and healthcare-associated pneumonia**

*K. Kamata\** (Tsukuba, Japan), *H. Suzuki, Y. Tokuda, K. Kanemoto, S. Shiotani, Y. Hirose, M. Suzuki, H. Ishikawa*

**EP132 13:18 Hypoxaemia and anaemia are predictors of mortality in adults hospitalised with pneumonia in Malawi**

*S. Aston\** (Blantyre, Malawi), *A. Ho, T. Mitchell, H. Jary, M. Nyirenda, B. Faragher, D. Everett, H. Mwandumba, R. Heyderman, S. Gordon*

**EP133 13:24 Empirical antibiotic treatment options for community acquired pneumonia: the dilemma of monotherapy and combination therapy**

*K. Vardakas, K. Apiranthiti, K. Trigkidis, M.E. Falagas\** (Athens, Greece)

**EP134 13:30 Antibiotic de-escalation in hospitalized adults with pneumococcal community-acquired pneumonia**

*A.F. Simonetti\** (L'Hospitalet de Llobregat, Spain), *C. Garcia-Vidal, D. Viasus, C. Ardanuy, J. Dorca, J. Carratalà*

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**EP135 13:36 Acute cardiac events and mortality following invasive pneumococcal disease***C. Walsh\* (Leeds, United Kingdom), V. Allgar, G. Barlow***EP136 13:42 Fluoroquinolones and macrolides are equivalent to treat *Legionella* pneumonia: a propensity score analysis***C. Garcia Vidal\* (Barcelona, Spain), I. Sanchez, A. Simonetti, J. Burgos, D. Viasus, M. Martin, V. Falco, J. Carratalà***EP137 13:48 Factors associated with mortality in a prospective population-based surveillance of community-acquired pneumonia in adults***G.D. Lopardo\* (Vicente Lopez, Argentina), D. Fridman, E. Raimondo, H. Bagnulo, H. Albornoz, D. Goleniuk, M. Sanabria, V. Confalonieri, D. Stambouliau***EP138 13:54 Association of macrolide use and cardiac events in patients treated for community-acquired pneumonia: post-hoc results from a cluster-randomized cross-over trial***D.F. Postma\* (Utrecht, Netherlands), C. Spitoni, C.H. Van Werkhoven, J.J. Oosterheert, M.J.M. Bonten***EP15****13:00 - 14:00****ePoster Area 4****ePOSTER SESSION:****Viral infections: from the lab to the clinic***Moderator: Emmi Andersson (Stockholm, Sweden)***EP139 13:00 Hepatitis C diagnosis and referral: a primary care perspective***S. Sinha, S. Swain\* (Luton, United Kingdom)***EP140 13:06 Clinical and virological characteristics of hepatitis delta in a monocentric cohort: relevance of virological markers for assessing disease activity***M. Amiri\* (Paris, France), K. Kiahshemi, S. Ghosh, P. Pradat, F. Bailly, S. Si-ahmed, P. André, P. Deny, F. Zoulim, C. Scholtes***EP141 13:12 Management of Ebola virus disease in a hospital without a biocontainment unit***F. De la Calle-Prieto\* (Madrid, Spain), M. Mora-Rillo, C.Y. Fuentes Rodríguez, M. Arsuaga Vicente, B. Fernández, G. Ramírez-Olivencia, M. Lago Nuñez, V. Sánchez Arroyo, F. Arnalich, J.R. Arribas***EP142 13:18 HIV prevalence in women with cervical cancer in the Philippines***M.N. Mariano\* (Manila, Philippines), J. Itable, P. Ching, M. Alejandria, J. Lim, M.J. Germar, E.M. Salvana***EP143 13:24 Feasibility and acceptability of routine HIV screening in general practice in a french region: principle more than usual practice***M. Grosset\* (La Rochelle, France), G. Le Moal, M. Roncato-Saberan, A. Seve, M. Garcia, C. Godet, F. Cazenave-Roblot, G. Béraud***EP144 13:30 Deep-sequencing analysis of E6 and E7 single nucleotide variants and genome methylation of high-risk human papillomaviruses***G. Masi, E. Lavezzo, G. Palù, L. Barzon\* (Padua, Italy)***EP145 13:36 First evidence of Toscana virus (genus phlebovirus, family bunyaviridae) in Algeria based on virus isolation and high rate of neutralizing antibodies in humans***C. Alkan, A. Allal, S. Alwassouf, L. Bichaud, G. Piorkowski, X. De Lamballerie, R. Charrel\* (Marseille, France)***EP146 13:42 Prognostic implications of West Nile virus retinopathy***R. Hasbun\* (Houston, TX, United States), M. Garcia, J. Kellaway, L. Baker, L. Salazar, K. Murray***EP147 13:48 The emergence of enterovirus D68 in a Dutch university medical centre and the necessity for routinely screening for respiratory viruses***H.G.M. Niesters, R. Poelman\* (Groningen, Netherlands), R. Borger, C. Van Leer-Buter*



Monday, 27 April 2015

## EP16

13:00 - 14:00

ePoster Area 5

## ePOSTER SESSION:

## Experimental pathogenesis and treatment

Moderator: TBC

- EP148 13:00 Distribution of CRISPR-Cas systems vs. virulence and resistance genes among *Enterococcus faecalis* from various settings

I. Gawryszewska\* (Warsaw, Poland),  
W. Hryniewicz, E. Sadowy

- EP149 13:06 Dynamics of *nuc* DNA load in whole blood during *Staphylococcus aureus* bloodstream infection

I. Ziegler\* (Örebro, Sweden), G. Rasmussen,  
D. Ljuca, B. Söderquist, P. Mölling, K. Strålin

- EP150 13:12 The pathogenic potential of *Pseudomonas fluorescens* can be modulated by serotonin, substance P and epinephrine

K. Biagini\* (Evreux, France), C. Barbey,  
M. Feuilloy, P. Déchelotte, N. Connil

- EP151 13:18 Is *Helicobacter pylori*-associated gastritis due only to an unbalanced microbiota?

A.F. Zeitler\* (Munich, Germany), R. Haas,  
L.F. Jiménez Soto

- EP152 13:24 Evidence of adaptative processes of *Staphylococcus aureus* isolates in the course of chronic bone and joint infections in patients

S. Trouillet-Assant\* (Lyon, France), L. Lelièvre,  
J. Rasigade, F. Valour, P. Martins-Simoes,  
S. Flammier, J. Tasse, F. Vandenesch, T. Ferry,  
F. Laurent

- EP153 13:30 Efficacy of BAL30072 in murine lung infection models of multi-resistant Gram-negative bacteria

S. Abdul, S. Vaddi, P. Thommes, J. Teague,  
A.N. Santerre-Henriksen, M. Jones,  
A.H. Schmitt-Hoffmann, P. Warn\* (Manchester,  
United Kingdom)

- EP154 13:36 *In vivo* efficacy of tedizolid in a murine model of methicillin-resistant *Staphylococcus aureus* haematogenous pulmonary infection

N. Kaku\* (Nagasaki, Japan), K. Takeda,  
K. Kosai, Y. Morinaga, S. Nakamura, T. Miyazaki,  
K. Izumikawa, K. Yanagihara

- EP155 13:42 The effect of combination therapy with clarithromycin in an experimental foreign-body infection by clarithromycin- and methicillin-resistant *Staphylococcus aureus*

C. El Haj\* (Barcelona, Spain), O. Murillo, A. Ribera,  
M. Vivas, F. Tubau, D. Garcia-Somoza, X. Cabo,  
J. Ariza

## EP17

13:00 - 14:00

ePoster Area 6

## ePOSTER SESSION:

## Investigator-initiated trials of optimized antibacterial therapy strategies

Moderator: Leonard Leibovici (Petah-Tiqva, Israel)

- EP156 13:00 Empirical therapy with beta-lactam/beta-lactam inhibitor (BLBLI) combinations vs carbapenems for the treatment of bacteraemia due to extended-spectrum beta-lactamase (ESBL)-producing Enterobacteriaceae: the INCREMENT project

B. Gutiérrez-Gutiérrez\* (Seville, Spain),  
M. De Cueto, E. Salamanca, S. Pérez-Galera,  
R.A. Bonomo, Y. Carmeli, D. Paterson, A. Pascual,  
J. Rodríguez-Baño

- EP157 13:06 Use of beta-lactam/beta-lactamase inhibitors and cephalosporins for treatment of infections due to extended-spectrum-beta-lactamase-producing Enterobacteriaceae (ESBL-E): the bi-cephale prospective observational study

M. Gousseff\* (Vannes, France), R. Lepeule,  
P. Lesprit, C. Richaud, S. Kerneis, V. Lefon,  
T. Goulenok, F. Jaureguy, M. Lavollay, A. Therby,  
V. Manceron, M. Nicolas-Chanoine, A. Lefort

- EP158 13:12 Addition of empirical gentamicin to the initial antibiotic regimen in patients presenting with severe sepsis or septic shock: a prospective observational cohort study

D. Ong\* (Utrecht, Netherlands), J. Frencken,  
P. Klein Klouwenberg, N. Juffermans,  
T. Van der Poll, M. Bonten, O. Cremer

- EP159 13:18 Inhaled tobramycin as adjunct to systemic antibiotics for ventilator-associated pneumonia: a retrospective trial

A. Kuzovlev\* (Moscow, Russia), V. Moroz,  
A. Shabanov

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## EP18

13:00 - 14:00

ePoster Area 7

## ePOSTER SESSION:

## Tropical and travel-associated infectious diseases

Moderator: Christian Wejse (Aarhus, Denmark)

- EP160 13:24 **Multidrug-resistant *Acinetobacter* meningitis in neurosurgical patients with intraventricular catheters (IVC): comparison between colistin versus carbapenem treatment**

O. Martinez, A. Fleites, A. Blanco, M. Alvarez, V. Pintado, C. Rodriguez, J. Alonso, A. Moreno, F. Vazquez, A. Rodriguez-Guardado\* (Oviedo, Spain)

- EP161 13:30 **Intrathecal treatment for postneurosurgical Gram-negative meningitis**

A. Neuberger\* (Haifa, Israel), B. Shofty, M. Naffa, T. Binawi, T. Babitch, L. Leibovici, M. Paul

- EP162 13:36 **Limited impact of early combination therapy in *Staphylococcus aureus* bacteraemia**

S. Rieg\* (Freiburg, Germany), I. Joost, V. Weiss, G. Peyerl-Hoffmann, C. Schneider, M. Hellmich, H. Seifert, W. Kern, A. Kaasch

- EP163 13:42 **Impact of delayed antibiotic therapy on outcomes of patients with hospital-onset enterococcal bacteraemia (EB): a retrospective cohort study**

E. Zasowski\* (Detroit, MI, United States), A. Lagnf, A. Casapao, M. Rybak

- EP164 13:48 **Treatment of *Pseudomonas aeruginosa* ventilator-associated pneumonia: impact of initial combination antibiotic therapy and early de-escalation**

L. Deconinck, A. Meybeck\* (Tourcoing, France), P. Patoz, N. Van Grunderbeeck, O. Leroy

- EP165 13:54 **Oral antibiotic suppression in the management of prosthetic joint infections with retained hardware**

S. Parsaei\* (Saint Louis, MO, United States), N. Ganeshraj, A. Gu, Q. Lu, C. Burnham, D. Warren, M. Lane

- EP166 13:00 **Submicroscopic and multiple *Plasmodium falciparum* infections in pregnant Sudanese women**

S.A. Omer\* (Khartoum, Sudan), E.A. Khalil, A.H. Sharief

- EP167 13:06 **Parasite clearance rates of *Plasmodium falciparum* parasitaemia with a fixed-dose combination of azithromycin/chloroquine in asymptomatic pregnant women: an open-label, non-comparative study in Sub-Saharan Africa**

K. Phiri\* (Bantyre, Malawi), J. Kimani, G.A. Mtove, Q. Zhao, Q. Wang, R. Rojo, J. Robbins, S. Duparc, A. Ayoub, P. Vandenbroucke

- EP168 13:12 **Azithromycin/chloroquine (AZCQ) versus sulfadoxine/pyrimethamine (SP) in intermittent preventive treatment of falciparum malaria infection in pregnant women (IPTp) in Sub-Saharan Africa: an open-label randomized trial**

J. Kimani\* (Nairobi, Kenya), K. Phiri, S. Kamiza, S. Duparc, A. Ayoub, R. Rojo, J. Robbins, P. Vandenbroucke

- EP169 13:18 **Nucleic acid tests for malaria: early results from an EQA pre-pilot study**

M. Manser\* (London, United Kingdom), S. Polley, D. Nolder, A.C. Saez, P. Chiodini

- EP170 13:24 **Activity of antiretroviral drugs on *Trypanosoma b. brucei***

S. Costa\* (Coimbra, Portugal), R. Varandas, M. Machado, C. Cavadas, M.D.C. Sousa

- EP171 13:30 **Schistosomiasis imported to Europe: analysis of 13 years Tropnet surveillance data**

T. Lingscheid\* (Berlin, Germany), F. Kurth, T. Zoller

- EP172 13:36 **A high prevalence of *Dientamoeba fragilis* in concurrence with gastrointestinal symptoms in a primary school in Sweden**

J.E. Ogren\* (Jönköping, Sweden), A. Matussek, S. Löfgren, P. Iveroth, O. Dienus

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**EP173 13:42 Traveller's dengue infection in Bangkok Hospital Samui, Koh Samui, Thailand 2013**

*T. Narkwiboonwong\* (Koh Samui, Thailand),  
D. Hemmadhun, A. Jacqueline Klein,  
R. Pechprakob*

**EP174 13:48 First report of genotype B of *Giardia lamblia* isolates from patients of a referral hospital (INI/FIOCRUZ) of Rio de Janeiro**

*C. Pérez Faria\* (Coimbra, Portugal), G. Zanini,  
S. Da Silva, G. Silva Dias, M.D.C. Sousa*

**EP175 13:54 Strongyloidiasis in primary care: a seroprevalence study of associations with eosinophilia and gastrointestinal symptoms in a South Asian migrant population**

*M. Brown\* (London, United Kingdom), C. Baker,  
Y. Choudhury, S. Rahman, J. Munoz, P. Chiodini,  
C. Griffiths, C. Whitty*



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Tuesday, 28 April 2015

## EP19

12:30 - 13:30

ePoster Area 1

ePOSTER SESSION:  
Testing MRSA

Moderator: Marc Struelens (Stockholm, Sweden)

- EP176 12:30 Time-kill studies of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates from cancer patients for telavancin versus vancomycin

K.V.I. Rolston\* (Houston, TX, United States),  
W. Wang, L. Nesher, J. Smith, M. Rybak, R. Prince

- EP177 12:36 A multicentre ceftaroline 5 µg disk study of *Staphylococcus aureus*

L. Koeth\* (Westlake, OH, United States),  
J. DiFranco-Fisher, P. Apfalter, R. Hartl, K. Becker,  
G. Gesu, A. Bielli, C. Rodriguez Mirones,  
L. Martinez-Martinez, J. Ambler

- EP178 12:42 A multicentre comparison study of various ceftaroline MIC-based methods for *Staphylococcus aureus*

L. Koeth\* (Westlake, OH, United States),  
J. DiFranco-Fisher, P. Apfalter, R. Hartl, K. Becker,  
G. Gesu, A. Bielli, J. Calvo, L. Martinez-Martinez,  
J. Ambler

- EP179 12:48 Comparison of the *in vitro* activity of tedizolid, linezolid, and vancomycin against *Staphylococcus aureus* isolates collected in China (2013-2014)

D. Sahn\* (Schaumburg, IL, United States),  
M. Hackel, T. Lynch, J. Alder

- EP180 12:54 *In vitro* activity of tedizolid against contemporary isolates of *Staphylococcus lugdunensis* and *Staphylococcus haemolyticus* from Europe and the United States

D. Farrell, M. Bensaci, N. Alsayed\* (Zurich, Switzerland), G. Thorne

- EP181 13:00 Polyhexanide MIC profiles after topical decolonization of methicillin-resistant *Staphylococcus aureus* (MRSA) carriage

A. Renzoni\* (Geneva, Switzerland), C. Landelle,  
E. Von Dach, E. Bonetti, C. Manzano, J. Schrenzel,  
S. Harbarth, P. François

- EP182 13:06 *In vitro* activity of ceftaroline against methicillin-resistant *Staphylococcus aureus* isolated in Stockholm, Sweden

F. Inga\* (Stockholm, Sweden), C. Karlström,  
M. Ullberg, H. Fang

- EP183 13:12 *In vitro* antimicrobial photodynamic therapy against methicillin-resistant *Staphylococcus aureus* (MRSA) using chlorophyllin derivatives in combination with red light

M. Zikri\* (Cairo, Egypt), M. El-Azizi, M. Abdelkader

## EP20

12:30 - 13:30

ePoster Area 2

## ePOSTER SESSION:

Here, there and everywhere: epidemiology of Gram-negatives

Moderator: Luis Martinez-Martinez (Santander, Spain)

- EP184 12:30 Can seasonality or nosocomial transmission explain trends in *Escherichia coli* bloodstream infection incidence across England?

S. Deeny, E. Van Kleef, S. Bou-Antoun, R. Hope,  
J. Robotham\* (London, United Kingdom)

- EP185 12:36 Molecular characterization of temporally and geographically distinct *Escherichia coli* strains isolated from bloodstream infections and food products

A. Gaultier, N. Gaillard, Y. Dureuil,  
S. Borges Dos Santos, C. Goustille-Nardeux,  
R. Quentin, N. Van der Mee-Marquet\* (Tours, France), Bloodstream Infection Study Group of the Réseau des Hygiénistes du Centre

- EP186 12:42 Genetic relatedness of ESBL-producing *E. coli* from pig holdings and humans in the Dutch-German border region by whole genome sequencing

S. García-Cobos\* (Groningen, Netherlands),  
R. Köck, J. Frenzel, S. Surie, A.W. Friedrich,  
J.W.A. Rossen

- EP187 12:48 Epidemiology of faecal carriage of antimicrobial resistance genes in *Escherichia coli* and *Klebsiella pneumoniae* isolates in Cambodia, 2012

J. Van Aartsen\* (Oxford, United Kingdom),  
C. Moore, C. Parry, P. Turner, N. Phot, S. Mao,  
S. Kuong, A. Giess, A. Sheppard, T. Peto, N. Day,  
A. Walker, D. Crook, N. Stoesser

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- EP188 12:54 **An update on faecal carriage of ESBL-producing by Portuguese healthy humans: the emergence of B2-ST131 H30 subclone producing CTX-M-27**

*C. Rodrigues\** (Porto, Portugal), *E. Machado*,  
*S. Fernandes*, *C. Montenegro*, *L. Peixe*, *A. Novais*

- EP189 13:00 **CTX-M-15-like producing *Escherichia coli* O25b-ST131 intra and extra-hospital clonal dissemination in the north of Portugal**

*D. Gonçalves\** (Porto, Portugal), *P. Cecílio*,  
*C. Iglésias*, *A. Faustino*, *A. Estrada*, *H. Ferreira*

- EP190 13:06 **Diversity of B2-non-ST131 extraintestinal pathogenic *Escherichia coli* in a Spanish University Hospital over 17 years**

*I. Rodríguez Fernandez\** (Madrid, Spain),  
*C.M. Rodríguez*, *R. Cantón*, *E. Loza*, *J. Zamora*,  
*V.F. Lanza*, *F. De la Cruz*, *F. Baquero*, *T.M. Coque*

- EP191 13:12 **Use of whole genome sequencing for molecular characterization and DNA signature identification to manage two outbreaks of CTX-M-15 producing *Klebsiella pneumoniae* in The Netherlands**

*K. Zhou\** (Groningen, Netherlands), *J. Lo-ten-Foe*,  
*M. Lokate*, *R. Deurenberg*, *J. Arends*,  
*J. Van der Weerd*, *B. Sinha*, *J. Rossen*, *A. Friedrich*

- EP192 13:18 **Analysis of a long-term outbreak of extensively drug-resistant *Pseudomonas aeruginosa* using whole-genome sequencing: a molecular epidemiological study**

*M. Willmann\** (Tübingen, Germany), *D. Bezdan*,  
*L. Zapata*, *H. Susak*, *W. Vogel*, *K. Schröppel*,  
*J. Liese*, *C. Weidenmaier*, *I. Autenrieth*,  
*S. Ossowski*, *S. Peter*

- EP193 13:24 **Instant typing a must in preventing transmission of extended-spectrum beta-lactamase-producing *Klebsiella* species in a Dutch university hospital**

*A.F. Voor in 't holt\** (Rotterdam, Netherlands),  
*J.A. Severin*, *W.H.F. Goessens*, *R. Te Witt*, *M.C. Vos*

## EP21

12:30 - 13:30

ePoster Area 3

## ePOSTER SESSION:

**Infections in patients with cancer and/or stem cell transplantation**

Moderator: TBC

- EP194 12:30 **Prediction of clinically significant bacteraemia in cancer patients with apparently stable episodes of febrile neutropenia: prospective data on 1,238 patients from the FINITE study**

*M. Antonio\** (Barcelona, Spain), *J. Martínez*,  
*F. García Navalón*, *C. Font*, *M. Biosca*,  
*A. Ramchandani*, *J. Hernando Cubero*, *A. Blasco*,  
*E. Martínez de Castro*, *J. Espinosa Arranz*,  
*E. Sevillano*, *I. Ghanem*, *C. Beato*, *A. Manzano*,  
*A. Arcusa Lanza*, *M. Cardona Ribera*, *M. Garrido*,  
*E. Castañon*, *P. Jiménez-Fonseca*,  
*A. Carmona-Bayonas*

- EP195 12:36 **Seifem B 2012. A prospective, multicentric, observational study on febrile events in acute lymphoblastic leukaemia. Final results.**

*R. Di Blasi\** (Rome, Italy), *R.E. Lewis*, *A. Busca*,  
*A. Candoni*, *C. Caramatti*, *C. Cattaneo*, *M. Cesarini*,  
*S. Cesaro*, *G. Dragonetti*, *R. Fanci*, *F. Farina*,  
*M.G. Garzia*, *B. Martino*, *G. Nadali*, *V. Perriello*,  
*M. Picardi*, *A.M. Quinto*, *A. Vacca*, *M. Zancanella*,  
*L. Pagano*

- EP196 12:42 **Clinical features, aetiology, and outcome of bacteraemic pneumonia in neutropenic cancer patients**

*C. Gudiol\** (Hospitalet de Llobregat, Spain),  
*C. Royo-Cebrecos*, *C. García-Vidal*, *M. Arnan*,  
*M. Antonio*, *J. Carratalà*

- EP197 12:48 **Significance of urine cultures as a diagnostic tool in patients with neutropenic fever**

*J. Steinrücken\** (Berne, Switzerland), *W. Thomas*,  
*T. Pabst Müller*, *S. Zimmerli*, *T. Kaspar*, *J. Marschall*

- EP198 12:54 **The road to reduced mortality in sepsis: implementation of a hospital-wide sepsis pathway in a cancer hospital**

*B. Teh*, *J. Jayarajan*, *G. Haeusler*, *C. Brown*,  
*S. Lingaratnam*, *V. Leung*, *M. Slavin*, *L. Worth*,  
*K. Thursky\** (Melbourne, Australia)



Tuesday, 28 April 2015

- EP199 13:00 New patterns and old risks: epidemiology and predictors of infection in patients with myeloma in the era of immunomodulatory drug therapy**

*B. Teh\* (Melbourne, Australia), L. Worth, S. Harrison, T. Spelman, K. Thursky, M. Slavin*

- EP200 13:06 Infectious complications following allogeneic stem cell transplantation by using antithymocyte globulin-based myeloablative conditioning regimens in children with haemoglobinopathies**

*E. Goussetis, E. Efsthathiou, A. Paisiou, G. Avgerinou, K. Zisaki, V. Giamouris, I. Peristeri, V. Kitra, G. Vessalas, M. Gamaletsou\* (Athens, Greece), N. Sipsas, S. Graphakos*

- EP201 13:12 Clinical impact of antibacterial prophylaxis in patients with acute myeloid leukaemia (AML) under intensive chemotherapy: a comparative study**

*S. Goncalves Leocadio\* (Lisbon, Portugal), R. Gerivaz, A. Monteiro, M. Prata, A. Tomé, C. Gaspar, J. Schuh, L. Monteiro, P. Almeida, L. Carande, M. Silva, J. Caldas, F. Costa, G. Ferreira, P. Ribeiro, E. Cruz, M. Henrique Sousa, I. Costa, M. Pinto, A. Botelho de Sousa*

- EP202 13:18 Dynamics of *Enterococcus faecium* faecal population in oncohaematologic patients under chemotherapy and levofloxacin prophylaxis**

*A.M. Sanchez Diaz\* (Madrid, Spain), M.J. Rodríguez-Domínguez, P. Ruiz-Garbayosa, R. Cantón, R. Del Campo*

## EP22

**12:30 - 13:30 ePoster Area 4**

### ePOSTER SESSION: Combating biofilm-related infections

**Moderator:** *Gianfranco Donelli (Rome, Italy)*

- EP203 12:30 Prevention of biofilm formation of bacterial pathogens involved in prosthetic infections using antibiotic-loaded synthetic calcium sulfate beads**

*R. Howlin\* (Southampton, United Kingdom), J. Cooper, S. Aiken, P. Stoodley*

- EP204 12:36 Micafungin: the best antifungal for treatment of *C. parapsilosis* complex biofilms**

*J. Branco, C. Martins-Cruz, A. Silva-Dias, A. Pinto-Silva, C. Lisboa, C. Pina-Vaz, T. Gonçalves, A. Rodrigues, I. Miranda\* (Porto, Portugal)*

- EP205 12:42 Does bioactive glass bone substitute S53P4 provide other implant materials resistance to staphylococci?**

*R. Perez Tanoira\* (Helsinki, Finland), M. García Pedrazuela, T. Hyrynen, A. Soininen, A. Aarnisalo, M.T. Nieminen, V.M. Tiainen, Y.T. Konttinen, T.J. Kinnari*

- EP206 12:48 Antibiofilmogram®, a potential tool to optimize antibiotic therapy against biofilm formation in cystic fibrosis patients**

*E. Olivares\* (Saint-Beauzire, France), S. Badel-Berchoux, C. Provot, T. Berardi, F. Jehl*

- EP207 12:54 Biofilm formation of group B streptococci responsible for osteoarticular infections: phenotypic and genotypic characterization**

*M. Amara\* (Le Chesnay, France), P.O. Sevenet, R. Briandet, J. Deschamps, B. Pannon*

- EP208 13:00 Efficacy of a triclosan-impregnated external ventricular drainage catheter to prevent multidrug-resistant *Acinetobacter baumannii* ventriculitis**

*I. Pelegrín Senent\* (Barcelona, Spain), W. Ashraf, R. Bayston*

- EP209 13:06 Biofilm of endotracheal tubes from patients with MRSA pneumonia treated with linezolid: preliminary results**

*L. Fernandez-Barat\* (Barcelona, Spain), A. Motos, M. Ferrer, F. Alvarez-Lerma, L. Viña, L. Guerrero, M. Sola, S. Sialer, T. Israel, A. Gabarrús, D. Soy, G. Li Bassi, J.M. Nicolás, J. Fernández, I. Rovira, J. Puig de la Bellacasa, J. Vila, A. Mons, A. Torres*

- EP210 13:12 Interaction of human cells and bacteria on implants**

*R. Perez Tanoira\* (Helsinki, Finland), A. Aarnisalo, X. Han, A. Soininen, V.M. Tiainen, Y.T. Konttinen, J. Esteban Moreno, T.J. Kinnari*

- EP211 13:18 An *in vitro* model of mixed-species biofilm formed by *Mycobacterium abscessus* and *Pseudomonas aeruginosa* to evaluate these mixed bacterial infections in cystic fibrosis patients**

*M.D.L.C. Perez- Jorge\* (Madrid, Spain), J. Esteban*



Tuesday, 28 April 2015

**EP212 13:24 Colistin resistance and biofilm formation in international *Klebsiella pneumoniae* clones**

L. Janssens\* (Antwerp, Belgium), B.B. Xavier,  
O. Zarkotou, C. Lammens, K. Dafopoulou,  
A. Tsakris, S. Pournaras, H. Goossens,  
S. Malhotra-Kumar

**EP23**

12:30 - 13:30

ePoster Area 6

**ePOSTER SESSION:****Reducing inappropriate antibiotic use is a priority**

Moderator: Agnes Wechsler-Fördös (Vienna, Austria)

**EP213 12:30 Exploring increases in community antimicrobial use: temporal analysis at population and patient levels in Tayside, Scotland**

C. Marwick\* (Dundee, United Kingdom), M. Neilly,  
V. Hernandez Santiago, B. Guthrie

**EP214 12:36 An analysis of recent antibiotic use in acute care hospitals in Germany - persistently intense use of cephalosporins**

W.V. Kern\* (Freiburg, Germany), M. Steib-Bauert,  
G. Först, M. Fellhauer, K. De With

**EP215 12:42 Impact of an antimicrobial stewardship programme on antimicrobial utilization, bacterial susceptibilities, and financial expenditures at an academic medical centre**

T. Timbrook\* (Charleston, SC, United States),  
J. Hurst, J. Bosso

**EP216 12:48 An online national antimicrobial guide with locally customized versions promotes appropriate antibiotic use in hospitals**

E.C. Schuts\* (Amsterdam, Netherlands),  
C.M.A. Van den Bosch, B.J. Kullberg, S. Natsch,  
I.C. Gyssens, M.A. Leverstein-van Hall, F. Sebens,  
M.B. Adams, R. Drew, J.M. Prins

**EP217 12:54 Delivering antimicrobial stewardship through a bespoke mobile-health application: REAIM analysis of the three year impact**

L.S. Moore\* (London, United Kingdom), E. Charani,  
E. Castro-Sanchez, M. Gharbi, M.J. Gilchrist,  
A.H. Holmes

**EP218 13:00 "One-year cohort study to assess an antimicrobial stewardship programme integrated in the patient's electronic medical record at a teaching hospital"**

Y. Koumar\* (Montpellier, France), D. Morquin,  
R. Ologeanu-Taddei, J. Reynes

**EP219 13:06 A quality improvement study of antimicrobial stewardship programme (ASP) to reduce excessive surgical antibiotic prophylaxis duration in orthopaedic surgery**

W.T.G. Chung\* (Singapore, Singapore), J. Li,  
C. Neoh, L.Y. Hsu

**EP220 13:12 The changing level of antibiotic resistance of nosocomial microorganisms in the multidisciplinary hospital as a result of the empiric antimicrobial therapy protocol implementation**

V. Gusarov\* (Moscow, Russia), I. Oprischenko,  
E. Nesterova, N. Lashenkova, M. Zamyatin

**EP221 13:18 A cross-sectional study for optimizing prescribing practice among junior doctors in acute care settings in England**

M. Gharbi, L.S. Moore\* (London, United Kingdom),  
E. Spanoudaki, E. Castro-Sánchez, A.H. Holmes,  
L.N. Drumright

**EP24**

12:30 - 13:30

ePoster Area 8

**ePOSTER SESSION:****New MALDI-TOF applications**

Moderator: Jacques Schrenzel (Geneva, Switzerland)

**EP222 12:30 Comparison of Bruker MALDI Sepsityper Kit with Triton X-100/SDS extraction for direct identification of microorganisms in positive blood culture bottles: SEKT or SELTERS?**

V.C. Treibmann, M. Kolbert, D. Schui, M. Christner,  
H. Rohde, D. Mack\* (Ingelheim, Germany)

**EP223 12:36 Impact of direct matrix-assisted laser desorption ionization time-of-flight mass spectrometry on the management of Gram-negative bacteraemia in a tertiary care paediatric hospital**

J. Dien Bard\* (Los Angeles, CA, United States),  
M. Gentry, J. Mestas, K. Mongkolrattanothai

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- EP224 12:42 Evaluation of matrix-assisted laser desorption ionization-time of flight mass spectrometry for the identification of *Capnocytophaga canimorsus***  
A. Magnette, T. Huang\* (Yvoir, Belgium), F. Renzi, G. Cornelis, Y. Glupczynski
- EP225 12:48 Identification of yeast species directly from positive blood-cultures using MALDI-TOF**  
R. Tomazin\* (Ljubljana, Slovenia), S. Cirman, T. Matos
- EP226 12:54 Rapid identification of oral *Actinomyces* cultivated from subgingival biofilm by MALDI-TOF-MS**  
C.S. Stingu\* (Leipzig, Germany), T. Borgmann, A. Rodloff, P. Vielkind, H. Jentsch, W. Schellenberger, K. Eschrich
- EP227 13:00 Optimization of the VITEK® MS data base for the identification of *Nocardia* species by MALDI-TOF mass spectrometry**  
B. Celliere\* (La Balme les Grottes, France), M. Arzac, V. Girard, M. Welker, S. Polsinelli, S. Mailler, D. Jacob, M. Saccomani, V. Monnin, L. Nougier, A. Van Belkum, G. Durand
- EP228 13:06 Evaluation of the MALDI-TOF-MS method for identification of *Nocardia* species**  
C. Segura Alvarez (Barcelona, Spain)
- EP229 13:12 Rapid and simple protocol for identification of rapidly growing mycobacteria by MALDI-TOF**  
M. Calvo-Reyes\* (Madrid, Spain), P. Lopez-Roa, S. Gomez-Garcia
- EP230 13:24 Evaluation of a matrix-assisted laser desorption ionization-time of flight mass spectrometry for serotyping of *Streptococcus pneumoniae***  
S. Nakano\* (Kyoto, Japan), Y. Matsumura, Y. Ito, T. Noguchi, M. Yamamoto, M. Nagao, S. Takakura, S. Ichiyama

## ESCMID ECDC Observerships in 2015

# Visit ECDC and find out about the organisation!

A group of 10 observers (ESCMID members) are offered a 5-day programme at the European Centre for Disease Prevention and Control (ECDC) in Stockholm, Sweden.

Date of Observership: 07–11 September 2015

**Applications accepted from: 01 May 2015, 10:00 CET**

Selection: 'first come, first served' but ensuring CM, ID, gender and country balance.

To apply, visit the ESCMID website.

Deadline for applications: 30 May 2015, 16:00 CET

[www.escmid.org/ECDC\\_Observer](http://www.escmid.org/ECDC_Observer)

[www.ecdc.europa.eu](http://www.ecdc.europa.eu)



## ESCMID WHO Observership in 2015

# Visit the WHO Regional Office for Europe and discover their programmes!

A group of 10 observers (ESCMID members) are offered a 3-day programme at the WHO Regional Office for Europe, Division of Communicable Diseases, Health Security and Environment (DCE) in Copenhagen, Denmark.

Date of Observership: 6–8 October 2015

**Applications accepted from: 15 May 2015, 10:00 CET**

Selection: 'First come, first served', but ensuring CM, ID, gender and country balance.

To apply, visit the ESCMID website.

Deadline for applications: 30 May 2015, 16:00 CET

[www.escmid.org/WHO\\_Observer](http://www.escmid.org/WHO_Observer)

[www.euro.who.int](http://www.euro.who.int)



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P01

15:30 - 16:30

Poster Area

## POSTER SESSION:

## Infective endocarditis

- P0001 Predictors of fatality in infective endocarditis** 1  
S. Dogan Kaya, M.Y. Sirin\* (Istanbul, Turkey), O. Ergonul, G. Evik, S. Sahin, A. Tuncer, K. Kirali, N. Ozdemir, H.M. Alp, A.M. Esen
- P0002 Outpatient parenteral antibiotic therapy for the management of infective endocarditis in a developing country: a prospective study (1998-2013)** 2  
R. Tempelsman\* (Buenos Aires, Argentina), V. Confalonieri, P. Fernández Oses, A. Sucari, F. Nacinovich
- P0003 Therapy of infective endocarditis – a retrospective single centre study 2005 – 2014** 3  
P. Starzengruber, E. Presterl\* (Vienna, Austria), T. Wrba, L. Segagni-Lusignani, M. Diab-Elschahawi, W. Graninger
- P0004 Impact of genotype and phenotype of *Staphylococcus aureus* in clinical characteristics and outcome of infective endocarditis: preliminary results** 4  
N. Fernández-Hidalgo\* (Barcelona, Spain), N. Larrosa, E. Viedma, C. Sáez, A. De Alarcón, M.V. García López, C. Peña, M. Gurgui, F. Chaves, B. Almirante
- P0005 Infectious endocarditis in patients with hepatic disease** 5  
E. Seminari\* (Pavia, Italy), A. De Silvestri, S. Ludovisi, R. Utili, N. Petrosillo, F. Castelli, M. Bassetti, F. Barbaro, P. Grossi, N. Barzaghi, L. Minoli, V. Ravasio
- P0006 External validation of a bedside predictive tool (NOVA score) to identify patients with enterococcal bacteraemia and very low risk of endocarditis that do not need echocardiography** 6  
M. Kestler Hernandez\* (Madrid, Spain), E. Bouza, P. Muñoz, L. Raumer, V. Pierluigi, M. Giannella
- P0007 Infectious endocarditis among patients with bacteraemic osteoarticular infections** 7  
C. Cabrera Rojo\* (Barcelona, Spain), O. Murillo, I. Grau, J. Gomez-Junyent, A. Ribera, C. Peña, F. Tubau, J. Ariza, R. Pallares
- P0008 Infective endocarditis due to viridans group streptococci in Olmsted County, Minnesota before and after publication of the 2007 American Heart Association's dental prophylaxis guidelines** 8  
D. DeSimone, I. Tleyjeh, D. Correa de Sa, N. Anavekar, B. Lahr, M. Sohail, J. Steckelberg\* (Rochester, NY, United States), W. Wilson, L. Baddour

- P0009 Usefulness of presepsin for the diagnosis of infective endocarditis – preliminary results of a cohort study** 9  
A. Topan\* (Cluj Napoca, Romania), M. Lupse, R. Rancea, A. Slavcovici
- P0010 Localized and systemic infectious complications following implantation of the electric stimulation system** 10  
A. Olender\* (Lublin, Poland), A. Polewczyk, A. Kutarski

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15:30 - 16:30

Poster Area

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- P0011 A new perspective on serum lactate and MEWS score in patient with severe sepsis or septic shock** 11  
L.R. Suardi\* (Brescia, Italy), L. Signorini, D. Gotti, E. Chiari, E. Van Hauwermeiren, G. Moiola, D. Motta, R. Stellini, G. Parainfo, F. Castelli
- P0012 Seasonal variation of bloodstream infection in relation to bacterial agents and acquisition** 12  
K.O. Gradel\* (Odense, Denmark), S.L. Nielsen, C. Pedersen, J.D. Knudsen, C. Østergaard, M. Arpi, T.G. Jensen, H.J. Kolmos, H.C. Schønheyder, M. Søgaard, A.T. Lassen
- P0013 Risk factors of death at day 28 for cirrhotic patients admitted to ICU for severe sepsis or septic shock** 13  
B. Mourvillier\* (Paris, France), G. Papin, C. Schwebel, S. Jamali, M. Darmon, C. Clech, A. Dumenil, D. Golgran-Toledano, A. Gros, C. Adrie, L. Bouadma, B. Souweine, G. Marcotte, S. Ruckly, M. Garrouste, J. Timsit
- P0014 Recognition and management of severe sepsis and septic shock after hospital staff education on sepsis** 14  
L.R. Suardi\* (Brescia, Italy), L. Signorini, D. Gotti, V.H. Evelyn, E. Chiari, D. Motta, G. Moiola, R. Stellini, G. Parainfo, F. Castelli
- P0015 Improvement in process of care after a sepsis educational programme at San Paolo Hospital, Italy** 15  
O. Viganò\* (Milan, Italy), R. Piolini, F. Bai, A. Salvato, M.L. Biondi, L. Battaglioli, M.E. Locatelli, F. Crippa, G. Marchetti, C. Oggioni, A. D'Armino Monforte

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- P0016 Improving therapy in bloodstream infections: the role of programmes for early intervention in bacteraemia. Results of a prospective cohort study** 16  
*E. Nuño\* (Malaga, Spain), G. Ojeda, M.V. García, J.M. Ramírez-Bollero, C. López-Calderón, M. Márquez*
- P0017 Mandatory blood culture in the emergency department – an educational challenge!** 17  
*S. Ulrika\* (Gothenburg, Sweden), C. Gårdshage, M. Lignell, D. Bremell, N. Sundell, C. Ahrén*
- P0018 Hypothermia and hyperthermia at emergency department as a predictor of mortality in patients with bacterial infection** 18  
*S. Yamamoto\* (Kobe, Japan), S. Yamazaki, T. Shimizu, T. Takeshima, S. Fukuma, Y. Yamamoto, K. Tochitani, Y. Tsuchido, K. Shinohara, S. Fukuhara*
- P0019 Infections in patients with severe alcoholic hepatitis: a cohort study** 19  
*K. Eleni\* (Brussels, Belgium), T. Eric, H. Maya, R. Sandrine, P. Jessica, T. Fabio Silvio, S. Rudy, M. Carlota, D.B. Daniel, G. Thierry, J. Frédérique*
- P0020 Epidemiological profile of early bloodstream infection after haematopoietic stem cell transplant of bone marrow at Tunis transplant centre** 20  
*Y. Chebbi\* (Tunis, Tunisia), W. Achour, A. Lakhal, R. Baaboura, T. Ben Othmen, A. Ben Hassen*
- P0021 Central venous catheter-related bloodstream infections in haematological patients – occurrence, aetiology and risk factors** 21  
*M. Giemza, E. Lech-Maranda, K. Warzocha, E. Mik, A. Kuziak, M. Wroblewska\* (Warsaw, Poland)*
- P0022 Comparison of the epidemiological characteristics and outcomes of bacteraemia among younger adults, old and very old adults in Japan** 22  
*K. Hayakawa, N. Takeshita, S. Kutsuna, Y. Fujiya, M. Mawatari, K. Yamamoto, N. Ohmagari\* (Tokyo, Japan)*
- P0023 The overall and daily risk of bacteraemia during hospitalization: a 9-year multicenter cohort study** 23  
*S.L. Nielsen\* (Odense, Denmark), A.T. Lassen, H.J. Kolmos, T.G. Jensen, K.O. Gradel, C. Pedersen*
- P0024 HIV-associated community-acquired bacteraemia at a tertiary-care hospital in Thailand** 24  
*S. Nimitvilai\* (Nakhonpathom, Thailand), J. Surapak, S. Boonyong*
- P0025 Epidemiology and prognosis of bacteraemia among dialysis patients at the Emek Medical Center: a 10-year surveillance study** 25  
*O. Nitzan, N. Habbashe, Y. Kuperman, H. Edelstein, R. Raz, B. Chazan\* (Afula, Israel)*
- P0026 Dialysis events for haemodialysis outpatients in China: a large-scale multi-centre surveillance** 26  
*Z. Zong\* (Chengdu, China), H. Zhang*
- P0027 Risk and prognosis of bacteraemia among adult chronic peritoneal dialysis patients: a population-based cohort study** 27  
*L. Skov Dalgaard\* (Aarhus, Denmark), M. Nørgaard, S. Jensen-Fangel, J. Povlsen, B. Jespersen, S. Ellermann, H. Schønheyder, O. Søgaard*
- P0028 Patterns of bacteraemia before and after an incident episode of *Staphylococcus aureus* bacteraemia: a population-based study** 28  
*J. Smit\* (Aalborg, Denmark), M. Søgaard, L. Mortensen, H.C. Schønheyder*
- P0029 Long-term mortality, temporal trends and risk factors associated with *Staphylococcus aureus* bacteraemia, 1995-2008** 29  
*N. Gotland\* (Hvidovre, Denmark), M. Hansen, N. Mejer, H. Westh, H.C. Schønheyder, A. Petersen, A. Jensen, A. Larsen, R. Skov, T. Benfield*
- P0030 Sequence Type 398 methicillin-susceptible *Staphylococcus aureus* bloodstream infections are associated with high mortality: a case-control study** 30  
*K. Bouiller\* (Besançon, France), H. Gbaguidi-Haore, D. Hocquet, X. Bertrand, C. Chirouze*
- P0031 MLVA related ST clones in *Staphylococcus aureus* bacteraemia in an Ecuadorian tertiary care hospital** 31  
*K. Loaiza, P. Barba, D. Ortega-Paredes, C. González, E. Sierra, I. Alcocer, J. Zurita\* (Quito, Ecuador)*
- P0032 Diabetes is associated with comparable to better risk of short-term mortality than non-diabetes after *Staphylococcus aureus* bacteraemia** 32  
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- P0033 Impact of infectious diseases specialist consultation on the outcomes of *Staphylococcus aureus* bacteraemia – a systematic review and meta-analysis** 33  
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- P0035 National surveillance of *Staphylococcus epidermidis* recovered from bloodstream infections in Belgian hospitals in 2013** 35  
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- P0036 Recent exposure to linezolid is highly associated with linezolid-resistant coagulase-negative *Staphylococcus* species isolation in patients with catheter-related infection or colonization** 36  
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- P0037 *Fusobacterium nucleatum* infections: clinical spectrum and bacteriological features. About 80 cases** 37  
E. Denes\* (Limoges, France), O. Barraud
- P0038 Length of enterococcal bacteraemia and associated clinical outcomes** 38  
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- P0039 Incidence, resistance and time trends for *Enterococcus faecalis* and *Enterococcus faecium* bacteraemia 2005-2013: a population-based cohort study** 39  
M. Pinholt\* (Hvidovre, Denmark), J.D. Knudsen, K. Kennedy, M. Arpi, C. Østergaard, K.O. Gradel, H.C. Schönheyder
- P0040 Recurrent bacteraemia with *Streptococcus dysgalactiae* subspecies *equisimilis*** 40  
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- P0041 Extended spectrum beta-lactamase-producing Enterobacteriaceae isolated from blood cultures in Slovakia and their impact on patient outcome** 41  
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- P0044 Hypertonic saline resuscitation for hypovolemic shock: a systematic review and meta-analysis** 44  
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- P0045 Risk factors for concurrent bacteraemia in adult Dengue patients** 45  
T.L. Thein\* (Singapore, Singapore), E. Ng, M.S. Yeang, Y. Leo, D. Lye
- P0046 Bloodstream infections: aetiology, burden of disease and usefulness of early identification by FISH. The experience of a Lebanese tertiary care centre** 46  
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- P0047 Serum endocan levels at the onset of infection are associated with bacteraemia** 47  
T. Kitazawa\* (Tokyo, Japan), K. Seo, Y. Yoshino, I. Koga, Y. Ota
- P0048 Epidemiology and outcomes of bacteraemia in patients with nosocomial pneumonia due to *Pseudomonas aeruginosa*** 48  
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# Saturday, 25 April 2015

## P03

15:30 - 16:30

Poster Area

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C. Pensotti\* (Buenos Aires, Argentina), L. Ale, C. Osuna, P. Luchetti, M. Santoianni, E. Sykora

**P0050 Prevention of biofilm formation using low intensity direct electrical current** 50

J. Badiola\* (Rochester, NY, United States), M. Ruiz-Ruigomez, K. Greenwood-Quaintance, R. Patel

**P0051 Prosthetic joint infections due to *Enterococcus* spp. What is the role of teicoplanin?** 51

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*L. Bergeron\* (Québec, Canada), F. Brouillette, S. Lebreux, G. Brochu*

**EV0002 A 5-year review of very high procalcitonin levels at a university hospital**

*L. Merz\* (Lausanne, Switzerland), C. Orasch, S. Giuliani, O. Boulat, T. Calandra*

**EV0003 Quantitative assessment of the combination of doripenem or tigecycline with amikacin therapy against an isolate of carbapenemase-producing *Klebsiella pneumoniae* using drug interaction modelling**

*A. Farkas\* (Bloomington, NJ, United States), C. Hoffman, M. Zeolla, N.R. Chin*

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*A. Farkas\* (Bloomington, NJ, United States), G. Daroczi*

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*S. Patil\* (Mumbai, India), K. Zirpe, D.N. Mukherjee, K. Krishnaprasad*

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*M. Matuz, E. Hajdú\* (Szeged, Hungary), R. Viola, R. Benko, P. Doró, G. Soós*

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*A. Shephard\* (Slough- Berkshire, United Kingdom), T. Shea, G. Smith, E. Schachtel, B. Schachtel*

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*M.E. Falagas\* (Athens, Greece), A. Karagiannis, T. Nakouti, T. Giannoula*

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*A. Farkas\* (Bloomington, NJ, United States), L. Feng Guan, P. Villalaz, M. Dolton, J. Roberts*

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*A. Korableva\* (Kasan, Russia), L. Ziganshina*

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*C. Scarsbrook\* (Kent, United Kingdom), M. Hardman, N. Raja, K. Hughes*

**EV0013 Abandonment of prophylactic antibiotic therapy after kidney transplantation leads to a reduction in urinary tract infection with ESBL-producing bacteria**

*S. Scheithauer\* (Göttingen, Germany), F. Wenzel, A. Mühlfeld, J. Flöge*

**EV0014 Antibiotic consumption in French hospitals: longitudinal trends over six years (2008-13)**

*A. Marquet\* (Nantes, France), S. Thibaut, E. Batard, F. Ballereau*

**EV0015 Antibiotic computerised decision support system does *not* increase 30-day readmission: a cohort study**

*A. Chow\* (Singapore, Singapore), D. Lye*

**EV0016 Internet survey on experience of and attitude toward online shopping for antimicrobials in Japan**

*Y. Gu\* (Sendai, Japan), M. Yoshida, K. Nakashima, M. Hatta, T. Aoyagi, S. Endo, K. Oshima, M. Kaku*

**EV0017 Are carbapenems dispensable as empiric treatment? Outcome of non-carbapenem empiric therapy on septic shock caused by extended-spectrum beta-lactamase-producing Enterobacteriaceae**

*R. Mounier\* (Creteil, France), C. Schimpf, B. Nebbad, A. Filipovic Pierucci, G. Dhonneur*



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- EV0018 Outpatient antibiotic consumption in children**  
*M. Cizman\* (Ljubljana, Slovenia), T. Bajec, A. Korosec*
- EV0019 Paediatricians' approach to prescribing of systemic antibiotics in outpatient children with respiratory infections in Russia**  
*S. Rachina\* (Smolensk, Russia), R. Kozlov, Y. Belkova, V. Tatochenko, G. Batischeva, PATRIOT STUDY GROUP: Batischeva, O. Chirikova, N. Chornaya, E. Dudnikova, T. Kaganova, E. Pavlinova, S. Khokhlova, N. Klimova, E. Kondyurina, I. Kosenko, L. Kryukova, S. Maltsev, F. Manerov, I. Sakulina, V. Seroklinov, T. Shumatova, T. Spichak, L. Zharkova*
- EV0020 A national approach to improving antimicrobial stewardship: evaluating the implementation of national antimicrobial stewardship guidance in primary and secondary care in England**  
*D. Ashiru-Oredope\* (London, United Kingdom), C. McNulty, E. Beech, C. Micallef, D. Ladenheim, A. Bhattacharya, E. Budd, M. Reacher, S. Hopkins*
- EV0021 Surveillance of antibiotic consumption and of bacterial resistance in an Italian intensive care unit: targets for effective control measures**  
*M. Barchitta\* (Catania, Italy), A. Quattrocchi, A. Maugeri, E. Aldisio, P. Bellocchi, A. Imbriani, A.E. Marchese, A.R. Mattaliano, A. Agodi*
- EV0022 Safety and efficacy of daptomycin in the treatment of complicated skin and soft tissue infections: real world evidence from EU-CORE sm**  
*A. Cogo, A. Gonzalez-Ruiz, R. Pathan, K. Hamed\* (East Hanover, NJ, United States)*
- EV0023 Antibiotic consumption in hospitals: a new system for collection, automated calculation and reporting in Germany**  
*B. Schweickert\* (Berlin, Germany), M. Feig, L.A. Pena Diaz, S. Kaersten, H. Claus, P. Gastmeier, T. Eckmanns, M. Abu Sin, M. Behnke*
- EV0024 Antibiotic prescribing practices for infectious diagnoses at paediatric inpatient departments of two private sector hospitals in Central India – a cross sectional study**  
*A. Damlin\* (Stockholm, Sweden), C. Stålsby Lundborg, A. Pathak, M. Sharma*
- EV0025 Microbiologic distribution and in vitro susceptibility of empiric antibiotics for haematogenous vertebral osteomyelitis in adults**  
*J.S. Son\* (Seoul, Korea), S. Moon, K. Park, M.S. Lee*
- EV0026 Can gaming increase antibiotic awareness in children?**  
*A. Hale\* (Bristol, United Kingdom), V.L. Young, A. Grand, C. McNulty*
- EV0027 Cross border comparison of antibiotic prescriptions among children and adolescents between the north of The Netherlands and the north-west of Germany**  
*J.H. Dik\* (Groningen, Netherlands), F. Hoffmann, J.R. Lo-Ten-Foe, B. Bijker, D. Saß, M. Postma, R. Hendrix, B. Sinha, G. Glaeske, A.W. Friedrich*
- EV0028 Trends and seasonality of antimicrobial consumption in the primary health care area "La Mancha Centro", Spain**  
*M. Huertas\* (Alcázar de San Juan, Spain), M.A. Asencio, R. Carranza González, J.P. Perez-Veiga, J.L. Sanchez-Serrano, O. Redondo, J.M. Tenias, A. Velasco*
- EV0029 A national antimicrobial stewardship initiative: what factors influence doctors' antimicrobial prescribing in Norwegian hospitals?**  
*B. Skodvin\* (Bergen, Norway), K. Aase, E. Charani, I. Smith*
- EV0030 Clinical outcomes associated with the use of tigecycline for treatment of infections caused by multidrug-resistant organisms**  
*S. Rosenthal\* (Philadelphia, PA, United States), T. Bias, C. Bui, H. Schlecht*
- EV0031 Surgical prophylaxis: impact of hospital guidelines**  
*I.I. Balkan, N. Saltoglu\* (Istanbul, Turkey), A. Gokhan, M. Bilgul, M. Yemisen, P. Aygun, N. Tayran, K. Kilic, S. Guner, N. Ates, A. Cariki, S. Uludokumaci, S. Yildiz, A. Vatan, B. Kacmaz, F. Kocak, M.E. Dogan, Y. Guler, F. Tabak, R. Ozturk*
- EV0032 Are peripherally inserted central catheters (PICC) safe in patients treated by outpatient parenteral antimicrobial therapy (OPAT)?**  
*C. Cochet\* (Lausanne, Switzerland), R. Voumard, C. Gardiol, S. De Vallière*
- EV0033 Evaluating quality evolution of antimicrobial prescription by repeated point prevalence surveys in a tertiary care hospital**  
*P. Retamar Gentil\* (Seville, Spain), Z. Palacios-Baena, M. Macías, B. Gutierrez, I. Morales, V. Palomo, A. Valiente, M. De Cueto, P. Terol, S. Sandoval, M. Beltrán, J. Rodriguez-Baño*
- EV0034 Retrospective case series of daptomycin (DAP) plus ceftaroline fosamil (CPT) for methicillin-resistant *Staphylococcus aureus* (MRSA) bloodstream infections (BSI)**  
*K. Roberts\* (Detroit, MI, United States), E. Zasowski, D. Levine, M. Rybak*

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- EV0035 Empiric antibiotic use for lower respiratory tract infection and sepsis in hospitalized children: results of the global ARPEC point prevalence survey**  
J.A. Bielicki\* (London, United Kingdom), A. Versporten, M. Sharland, H. Goossens
- EV0036 High-dose intravenous daptomycin for the treatment of orthopaedic implant infections: a six-year experience study**  
S. Herrera\* (Barcelona, Spain), M.L. Sorli, E. Esteve, S. Grau, L. Puig, A. Alier, E. Portillo, J.P. Horcajada
- EV0037 Gender inequality in antibiotic prescribing in primary care**  
W. Schröder\* (Tübingen, Germany), H. Sommer, B. Evengard, F. Foschi, M. Poliak, E. Tacconelli
- EV0038 Short-term impact of an antimicrobial stewardship programme implementation in an intensive care unit**  
J. Ruiz\* (Valencia, Spain), P. Ramirez, M. Salavert, M. Gordon, J. Frassetto, M.J. Broch, E. Romá, J.L. Poveda, A. Castellano
- EV0039 Usefulness of therapeutic drug monitoring in outpatient parenteral antimicrobial therapy (OPAT) using elastomeric pumps for continuous infusion**  
R. Voumard\* (Lausanne, Switzerland), C. Cochet, C. Gardiol, L.A. Decosterd, T. Buclin, S. De Vallière
- EV0040 Temperature variations in elastomeric pumps used for outpatient parenteral antimicrobial therapy (OPAT)**  
N. Van Neyghem\* (Lausanne, Switzerland), R. Voumard, S. De Vallière
- EV0041 Quality improvement of perioperative antibiotic prophylaxis: a multicentre prospective cross-sectional intervention study (Baltic Antibiotic Collaborative Network Project)**  
A. Vilde\* (Riga, Latvia), P. Mitt, P. Martin, B. Lytsy, G. Gailiene, U. Dumpis
- EV0042 Trends in antifungal use in intensive care units and in hospitals: multicentre survey in France, 2012-2013**  
C. Dumartin\* (Paris, France), A. Rogues, F. L'heritier, X. Bertrand, S. Boussat, M. Péfau, H. Senechal, L. Lacave, L. Mouchot, A. Ingels, A. Machut, M. Giard, S. Alfandari, R. Gauzit, B. Schlemmer, A. Cremieux, P. Le Gonidec, S. Maugat, S. Touratier, S. Vaux
- EV0043 Evaluating and benchmarking antibiotic use in German university hospitals**  
W.V. Kern\* (Freiburg, Germany), M. Steib-Bauert, R. Bernard, F. Dörje, S. Feihl, G. Först, T. Hoppe-Tichy, M. Hug, H. Knoth, I. Krämer, A. Liekweg, U. Mühlhäuser, C. Querbach, U. Rothe, J. Schurz, H. Seifert, J. Vehreschild, S. Zibolka, K. De With
- EV0044 Prevalence and adherence to recommendation of antibiotic use in a tertiary care university hospital**  
E. Ott\* (Hanover, Germany), J. Joshi, A. Legarth, F. Bange, F. Schwab, I. Chaberny
- EV0045 Antibiotics for initial therapy in women with acute pyelonephritis: gentamicin, can it be an alternative?**  
A. Toumi\* (Monastir, Tunisia), C. Loussaief, H. Ben Brahim, A. Aouam, M. Chakroun
- EV0046 Risk factors for linezolid-associated thrombocytopenia and negative effect of carbapenem combination**  
C. Bulut\* (Ankara, Turkey), O. Ozel, E. Kaya Kiliç, T. Karakök, S. Kinikli, G. Tuncer Ertem, N. Tülek, A.P. Demiröz
- EV0047 Double-carbapenem therapy for systemic infections caused by carbapenemase-producing *Klebsiella pneumoniae***  
A. Oliva\* (Rome, Italy), M.T. Mascellino, A. Cipolla, F. Gizzi, A. D'Abramo, C.M. Mastroianni, V. Vullo
- EV0048 Nosocomial infections in a multi-field hospital in Russia: epidemiology and treatment approaches**  
V. Mishenko, S. Rachina, M. Sukhorukova, Y. Belkova\* (Smolensk, Russia), R. Kozlov, A. Andreeva
- EV0049 Evaluation of antibiotic prescribing including prescribing by family physicians in Turkey in 2013**  
F. Islı\* (Ankara, Turkey), A. Alkan, U. Gurpinar, M. Aksoy, A. Sahin, F. Kaplan Efe, Z. Yavuz, B. Topal
- EV0050 The role of antibiotic consumption in the emergence of MRSA and *Clostridium difficile* infection in Romania**  
G.A. Popescu\* (Bucharest, Romania), A. Rafila
- EV0051 Investigation of the content of injectable antibiotic including prescriptions in Turkey in 2013**  
F. Islı\* (Ankara, Turkey), A. Alkan, M. Aksoy, P. Gobel, A. Sahin, F. Kaplan Efe, A.B. Basci, E. Sarigol
- EV0052 Comparative evaluation of timing of intravenous-to-oral switch of antibiotics in pneumonia**  
P.D. Van der Linden\* (Hilversum, Netherlands), I. Van Heijl, S. Natsch, E. Van de Garde

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- EV0053 Use of the empirical combination of daptomycin and cloxacillin for *Staphylococcus aureus* bacteraemia in a Spanish prospective cohort**  
*L.M. Castelo-Corral, L. Morata, D. Sousa\* (La Coruña, Spain), A. Soriano, J.M. Bravo-Ferrer, P. Llinares*

## EV02

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Antimicrobials: antimicrobial PK/PD, pharmacogenomics, pharmacoeconomics and general pharmacology, drug interaction studies

- EV0054 Strain-specific concentration-resistance relationships with ciprofloxacin-exposed *Pseudomonas aeruginosa*: is it possible to predict the enrichment of resistant mutants if the same bacterial species?**  
*E. Strukova\* (Moscow, Russia), Y. Portnoy, D. Shlykova, S. Zinner, A. Firsov*
- EV0055 Can clinical dosing regimens provide “anti-mutant” fluoroquinolone concentrations? Predictions using *in vitro* dynamic models**  
*A. Firsov\* (Moscow, Russia), E. Strukova, Y. Portnoy, D. Shlykova, S. Zinner*
- EV0056 Activity of fusidic acid (FUS) alone or in combination with daptomycin (DAP), vancomycin (VAN), or linezolid (LDZ) in an *in-vitro* model of *Staphylococcus aureus* biofilm**  
*W. Siala, H. Rodriguez-Villalobos, P. Fernandes, P.M. Tulkens, F. Van Bambeke\* (Brussels, Belgium)*
- EV0057 S-649266, a siderophore cephalosporin for Gram-negative bacterial infection: pharmacokinetics and safety in subjects with renal impairment**  
*R. Echols\* (Easton, NJ, United States), T. Katsube, J.C. Arjona Ferreira, H. Krenz*
- EV0058 Pharmacokinetic/pharmacodynamic analysis of meropenem for the treatment of bacteraemia produced by *Escherichia coli* and *Klebsiella pneumoniae* isolates obtained from the United States and Europe**  
*A. Rodríguez-Gascón\* (Vitoria, Spain), J. Arribas, E. Asín, A. Isla, A. Canut*
- EV0059 Pharmacokinetic/pharmacodynamic breakpoints for meropenem are dependent on the dosing regimen and the renal function**  
*J. Arribas, A. Rodríguez-Gascón, E. Asín, A. Isla, A. Canut\* (Vitoria, Spain)*
- EV0060 Calculation of a first-in-man dose of 7-*O*-succinyl macrolactin A based on allometric scaling of data from mice, rats, and dogs**  
*H. Seo, J.H. Ryu, N. Woo, S.Y. Song, H. Lee, B. Kim, J. Suh, M.S. Yang, W. Kang, E. Kim\* (Seoul, Korea)*
- EV0061 Lack of PK/PD target attainment in de-escalated antibiotic therapy in critically ill patients: less is not always more**  
*M. Carlier\* (Ghent, Belgium), J. Roberts, V. Stove, A. Verstraete, J. Lipman, J. De Waele*
- EV0062 Muscle penetration of liposomal amphotericin B (L-AmB) and posaconazole (Pos) in burn patients with mucormycosis**  
*C. Padoin\* (Bobigny, France), Q. Ressaire, A. Alanio, V. Maurel, A. Ferry, S. Soussi, M. Benyamina, B. Denis, M. Guibert, A. Mebazaa, M. Chaouat, M. Legrand*
- EV0063 Stability of amoxicillin/clavulanic acid and amoxicillin reconstituted in isotonic saline**  
*M. Carlier\* (Ghent, Belgium), V. Stove, A. Verstraete, J. De Waele*
- EV0064 Cross-species plasma protein binding of tedizolid**  
*M. Varoglu, L. Nguyen, H. Shim, E. Kiim, S. Flanagan\* (San Diego, CA, United States)*
- EV0065 A new UPLC-MS-MS method to quantify first line antituberculosis agents in plasma spotted on dried sample spots device (DSSD)**  
*L. Baietto, V. Poretti, K. Baruffi, G. Di Perri, A. D'Avolio\* (Turin, Italy)*
- EV0066 Pharmacokinetic of caspofungin in patients with invasive candidiasis**  
*S. Corcione\* (Turin, Italy), C.S. Cardellino, L. Baietto, A. Calcagno, N. Pagani, G. Di perri, A. D'Avolio, F.G. De rosa*
- EV0067 Impact of introduction of a vancomycin loading dose on the achievement of target vancomycin exposure: a cohort study in critically ill patients**  
*S. Berends, N. Juffermans, C. Bouman, C. Hodiament\* (Amsterdam, Netherlands), R. Mathôt, R. Van Hest*
- EV0068 Colistin reduces cytokine response to LPS in blood of healthy volunteers *ex vivo***  
*P. Matzneller\* (Vienna, Austria), S. Strommer, C. Drucker, K. Petroczi, B. Jilma, M. Zeitlinger*
- EV0069 Association of anti-tuberculosis drugs serum concentrations with drug-related adverse events in TB/HIV co-infected patients in Uganda**  
*C. Sekaggya\* (Kampala, Uganda), A. Von Braun, B. Ledergerber, A. Buzibye, A. Scherrer, M. Lamorde, D. Nalwanga, L. Henning, D. Muller, U. Gutteck, B. Castelnuovo, A. Kambugu, J. Fehr*

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**EV0070** Distribution of micafungin into different tissue fluids in patients with proven or suspected invasive fungal infections  
S. Luque, N. Campillo, F. Alvarez-Lerma, M. Basas, L. Sorli, E. Esteve, E. Salas, J.P. Horcajada, S. Grau\* (Barcelona, Spain)

**EV0071** Pharmacokinetic/pharmacodynamic modelling of the quickly occurring and reversible adaptive resistance of *Pseudomonas aeruginosa* to colistin using a bioluminescent strain *in vitro*  
M. Jacobs, K. Jeannot, E. Nielsen, A. Chauzy, N. Grégoire, S. Marchand, P. Plésiat, L. Friberg, W. Couet\* (Poitiers, France)

**EV0072** *In vitro* pharmacodynamics of tigecycline and tetracycline combinations against *Pseudomonas aeruginosa*  
A. Deitchman\* (Gainesville, FL, United States), R. Singh, A. Zoehner, H. Derendorf

**EV0073** Urinary concentrations of colistimethate sodium (CMS) and formed colistin in patients with MDR Gram-negative bacterial (MDR-GNB) infections after intravenous administration  
S. Luque, J. Li, C. Escaño, L. Sorli, N. Campillo, E. Esteve, M. Montero, E. Salas, J.P. Horcajada, S. Grau\* (Barcelona, Spain)

**EV0074** Synergistic action of ceftaroline with other beta-lactams against *Staphylococcus aureus*  
S. Martinez-Puchol, N. Palma, F. Marco, A. Soriano, J. Vila, J. Mensa, J. Ruiz Blazquez\* (Barcelona, Spain)

**EV0075** A bioassay for determining voriconazole serum levels in patients receiving combination therapy with echinocandins  
M. Siopi\* (Athens, Greece), E. Neroutsos, K. Zisaki, M. Gkamaletsou, M. Piroynaki, P. Tsirigotis, N. Sipsas, E. Goussetis, L. Zerva, G. Valsami, J. Meletiadis

**EV0076** Phenicol: renewed interest in an old antibiotic  
M. Abid, F. Bellazreg, Z. Hattab, D. Ben slimen, J. Souissi, W. Hachfi, A. Letaief\* (Sousse, Tunisia)

**EV0077** Standard dosing of amikacin and gentamicin in critically ill patients results in variable and subtherapeutic concentrations  
C. Roger\* (Nîmes, France), B. Nucci, J. Roberts, J.Y. Lefrant, L. Muller

**EV0078** pH and anaerobiosis promote ciprofloxacin resistance in low-level chromosomally-mediated quinolone resistant in urine  
G. Martín-Gutiérrez\* (Seville, Spain), J. Rodríguez-Beltrán, J. Rodríguez, J. Aznar, J. Lepe, A. Pascual, J. Blazquez

**EV0079** Ciprofloxacin susceptible *qnr*-mediated quinolone-resistant *Escherichia coli* strains are ciprofloxacin-resistant in urine at acidic pH  
G. Martín-Gutiérrez\* (Seville, Spain), J. Rodríguez-Beltrán, J. Rodríguez, J. Aznar, J. Lepe, A. Pascual, J. Blazquez

**EV0080** Creatinine-clearance as predictor for meropenem clearance  
A.C. Roehr\* (Heidenheim, Germany), O.R. Frey, A. Köberer, T. Fuchs, S. Helbig, A. Brinkmann, J.W. Mouton

**EV0081** Efficacy and safety of reinforced *Helicobacter pylori* eradication therapy in region of high clarithromycin resistance  
N. Zakharova\* (St. Petersburg, Russia), I. Savilova

### EV03

#### ePoster Viewing Stations

#### ePoster Area

#### e-POSTER VIEWING:

#### Antimicrobials: epidemiology of MDR Gram-negatives

**EV0082** Pneumonia pathogen characterization is an independent determinant of hospital readmission  
M. Kollef\* (Saint Louis, MO, United States), A. Andruska, M. Scott, Y. Shindo

**EV0083** Characterization and profiling of multidrug-resistant (MDR) Enterobacteriaceae from Italy during five surveillance years (TEST programme)  
D. Sahm\* (Schaumburg, IL, United States), D. Biedenbach, M. Hackel, H. Leister-Tebbe

**EV0084** Epidemiological typing of extended-spectrum and plasmidic AmpC beta-lactamases producing *Escherichia coli* isolated from healthy chicken in a Tunisian industrial farm  
E. Maamar, S. Hammami, N. Dakhli, S. Ferjani, M. Saidani, A. Slim, C. Torres, I. Boutiba-ben boubaker\* (Tunis, Tunisia)

**EV0085** Molecular characterization of carbapenem-resistant *Acinetobacter baumannii* in southern Thailand  
W. Leetrakul, S. Chusri\* (Songkhla, Thailand), K. Singkhamanan

**EV0086** Clonal and horizontal spread of the *bla*OXA-232 among Enterobacteriaceae in a Korean burn intensive care unit  
W. Song\* (Seoul, Korea), S.H. Jeong, K.M. Lee, J. Lee, I. Bae

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- EV0087 Virulence of carbapenem-resistant *Escherichia coli* isolated in the Arabian Peninsula**  
R. Al-Marzooqi, M. Al-Dhuhoori, D. Darwish, T. Pal\* (Al Ain, United Arab Emirates), A.M. Sonnevend
- EV0088 *Citrobacter freundii* possessing blaOXA-48, blaSHV-12, blaCTX-M-15, blaTEM-1, and armA also carries the blaNDM-1 gene in a novel IncHI2 plasmid background**  
S.N. Seiffert\* (Berne, Switzerland), V. Perreten, V. Hinic, R. Frei, A. Endimiani, A. Carattoli
- EV0089 Trends in susceptibility and multidrug resistance in *K. pneumoniae* from intra-abdominal infections in Western Europe 2009-2013**  
S. Lob, R. Badal\* (Schaumburg, IL, United States), D. Biedenbach, A. Johnson, D. Sahm
- EV0090 Phenotypic and molecular evaluation of the efflux pumps AdeABC and AdeJK among imipenem-resistant *Acinetobacter* spp. isolated from clinical samples during 2012-13**  
M. Hakemi-Vala\* (Tehran, Iran), M. Gholami, H. Ostad asadi-Malayeri, M. Vaezjalali, A. Hashemi, H. Goudarzi
- EV0091 A retrospective analysis of risk factors for acquisition fluoroquinolone or aminoglycoside resistance in addition to carbapenem resistance in *Pseudomonas aeruginosa***  
K. Kosai\* (Nagasaki, Japan), K. Takeda, N. Kaku, Y. Morinaga, K. Yanagihara
- EV0092 Epidemical analysis of distribution of *Escherichia coli* ST131 in geriatric population in Hong Kong**  
Y. Wang\* (Hong Kong, China), W.U. Lo, K.H. Chow, E.L. Lai, P.Y. Law, P.L. Ho
- EV0093 Clinical epidemiological study of changes in antimicrobial susceptibility and major clones of *Acinetobacter baumannii* isolates from a single tertiary care hospital**  
W. Kwang-Sook\* (Busan, Korea), C. Jae-Lim, K. Bo-Ram, H. Jin-Yeong, K. Jung-Man, K. Kyeong-Hee
- EV0094 Clinical characteristics and outcomes in patients with nosocomial pneumonia due to susceptible, resistant, and multidrug-resistant *Pseudomonas aeruginosa***  
J. Chastre, C. Chen, M.H. Kollef, M. Antonelli, T. Welte, R. Wunderink, J. Rello, B. Clair, H. Ostermann, E. Calbo, A. Torres, F. Menichetti, V. Menon\* (Lexington, MA, United States)
- EV0095 Clinical and molecular characteristics of extended-spectrum beta-lactamases-producing *Escherichia coli* causing bacteraemia in University Hospital in Murcia (Spain)**  
J. Segura\* (El Palmar Murcia, Spain), C. Salvador Garcia, M. Roig Cardells, M. Simón Paez, A. Blazquez Abellán, M.C. Martinez Toldos, M. Segovia Henández, G. Yagüe Guirao
- EV0096 Prevalence of ESBLs, AmpCs and carbapenemases in *Klebsiella pneumoniae* clinical isolates in Poland**  
E. Literacka\* (Warsaw, Poland), A. Baraniak, K. Malinowska, M. Herda, P. Urbanowicz, K. Bojarska, D. Zabicka, W. Hryniewicz, M. Gniadkowski
- EV0097 Surveillance of MDR Gram-negative, ESBL-producing and carbapenem-resistant organisms over 12 year period (2003-2014) in Aveiro, Portugal**  
I. Roxo, S. Magalhaes, E. Ramalheira, S. Ferreira\* (Aveiro, Portugal)
- EV0098 A MALDI-TOF method distinguishing different clones of *Klebsiella pneumoniae* of an hospital outbreak in Rome, Italy**  
S. Angeletti\* (Rome, Italy), G. Dicuonzo, F. Crea, M. Fagioni, A. Avola, E. Dedej, L. De Florio
- EV0099 Clonal spread of pandrug-resistant *Providencia* spp. producing metallo-beta-lactamases within the gastrointestinal tract of ICU patients: a reservoir for nosocomial infections**  
C. Cosgaya\* (Barcelona, Spain), A.E. Callarisa, L. Muñoz, M. Telli, C. Ratia, F. Marco, D. George, J. Garnacho-Montero, J.M. Cisneros, J. Vila, R. Ignasi
- EV0100 Epidemiological comparison of extended-spectrum beta-lactamase (ESBL)-producing Enterobacteriaceae from equine patients at the Finnish Veterinary Teaching Hospital in 2011-2014**  
M. Eklund\* (Helsinki, Finland), K. Thomson, J. Jalava, K. Niiinistö, T. Grönthal, H. Piiparinen, M. Rantala
- EV0101 Monitoring of colonization with extended-spectrum beta-lactamase-producing Enterobacteriaceae (ESBL-E) among patients with acute myeloid leukaemia and lymphoma**  
A. Korobova\* (Moscow, Russia), V. Okhmat, I. Frolova, S. Kravchenko, E. Parovichnikova, G. Klyasova



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- EV0102 Multidrug-resistant and extensively drug-resistant *Klebsiella pneumoniae* bloodstream infections in intensive care unit patients: epidemiology and outcomes**  
G. Poulakou\* (Athens, Greece), C. Routsis, N. Moussas, A. Arfaras Melainis, V. Tsagkari, E.S. Karampi, E. Barmpouti, M. Karvouniaris, I. Katsarolis, F. Baziaka, C. Katsenos, P. Manolopoulou, E. Kontou, D. Kofteridis, M. Katsiari, M. Kompoti, G. Dimopoulos, G. Anthopoulos, A. Koutsoukou, H. Giamarellou
- EV0103 Epidemiological features of XDR and PDR *Acinetobacter baumannii* bacteraemia from Greek ICUs: preliminary results from a multicentre registry**  
N. Moussas, G. Poulakou\* (Athens, Greece), A. Ioannou, E. Barmpouti, A. Arfaras Melainis, V. Tsagkari, I. Karaiskos, A. Andrianaki, L. Leonidou, E. Douka, C. Alexopoulou, D. Karapanos, M. Bitzani, A. Armaganidis, C. Routsis, F. Clouva Moluvdas, A. Maguina, K. Mandragos, E. Zakynthinos, H. Giamarellou
- EV0104 Co-production of 16S ribosomal RNA methyltransferase RmtB with KPC and CTX-M-14 in *Klebsiella pneumoniae* in São Paulo State, Brazil, from 2011 to 2014**  
F. Tollentino, D. Garcia\* (Sao Paulo, Brazil), G. Francisco, M.F. Bueno, M. Nogueira
- EV0105 Initial impact of carbapenem heteroresistance among clinical isolates of invasive *Escherichia coli* in Chongqing, Southwest China**  
L. Zhang\* (Chongqing, China), J. Sun, H. Shifeng, S. Yang
- EV0106 Spread of OXA-48 producing *Klebsiella pneumoniae* in Galicia, north-west Spain**  
L. Martinez-Lamas\* (Vigo, Spain), M. Alvarez, S.R. Castros, P. Figueroa, S. Otero, A. Fernández, N. Lara, V. Bautista, J. Oteo
- EV0107 Invasive multidrug-resistant *Acinetobacter baumannii* infections in intensive care unit patients of ten medical centres in Turkey: demographic characteristics, antimicrobial resistance and molecular epidemiology**  
O. Koseoglu Eser, B. Boral, A. Ergin\* (Ankara, Turkey), O. Unaldi, R. Durmaz, T.S. Group
- EV0108 *Salmonella* 1,4,[5],12:i:- in Portugal from 2006-2011: distribution, antimicrobial resistance and clonality**  
R. Seixas\* (Lisbo., Portugal), R. Santos, J. Machado, L. Tavares, F. Bernardo, T. Semedo-Lemsaddek, M. Oliveira
- EV0109 Ten-year persistence of VIM-2-producing *Pseudomonas aeruginosa* in one hospital from Venezuela**  
N. Mosqueda\* (Barcelona, Spain), A. Guevara, I. Rangel, I. Roca, J. Vila
- EV0110 Diversity of platforms linked to VIM-producing *K. pneumoniae* and *E. cloacae* complex clinical isolates in Portugal**  
A.C. Mendes\* (Porto, Portugal), C. Rodrigues, H. Ramos, L. Peixe, A. Novais
- EV0111 Presence of multiple strains of extended-spectrum beta-lactamase-producing Enterobacteriaceae is common in patients with prolonged colonization**  
L. Papst\* (Ljubljana, Slovenia), B. Beovic, R. Tomazin, K. Seme
- EV0112 Risk factors for healthcare-associated extensively drug-resistant *Acinetobacter baumannii* infections: a hospital-based case-control study**  
E. Aslan, S. Hosoglu\* (Diyarbakir, Turkey), R. Tekin, O. Deveci, S. Dayan
- EV0113 Persistence and spread of particular acquired AmpC beta-lactamases linked to *Klebsiella pneumoniae* ST11 international clone and/or epidemic Incr, IncHI2 or IncI1 plasmids**  
T. Gonçalves Ribeiro\* (Porto, Portugal), A. Novais, R. Nascimento, F. Freitas, L. Peixe, E. Machado
- EV0114 Antimicrobial drug resistance survey in *Campylobacter jejuni* and *Salmonella enterica* isolates from animals and food in Portugal during a four year period, 2009-2013**  
L. Clemente, V. Manageiro\* (Lisbon, Portugal), I. Correia, E. Ferreira, D. Jones-Dias, T. Albuquerque, P. Themudo, T. Rocha, A. Tavares, M. Gerales, M.J. Barahona, M. Caniça
- EV0115 Comparison of phenotypic and genotypic methods for detection of carbapenemases**  
R. Monno\* (Bari, Italy), C. Calia, C. Capolongo, L. Fumarola, L. Soleo, C. Pazzani
- EV0116 Risk factors of carbapenem-resistant *Klebsiella pneumoniae* infections in a tertiary care hospital in Turkey**  
G. Durmus\* (Bursa, Turkey), O. Dagli, D. Karasu, E. Gokcen, O. Ozkan
- EV0117 Multidrug-resistance in a health care setting in Alexandria**  
W. Hazzah (Alexandria, Egypt)

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- EV0118 Colistin methanesulphonate (CMS) in the treatment of extreme drug-resistant (XDR) Gram-negative osteoarticular and prosthetic joint infections (PJIS)**  
E. Giannitsioti\* (Athens, Greece), A. Mavrogenis, P. Megaloikonomos, M. Pavlaki, P. Papagelopoulos, A. Papadopoulos
- EV0119 Retrospective cohort study of infections caused by carbapenem-resistant Enterobacteriaceae at a tertiary care centre in Lebanon**  
Z. Kanafani, J. Kmeid, T. Nawar, S. Assaf, S. Kanj\* (Beirut, Lebanon)
- EV0120 Increasing prevalence of extended spectrum beta-lactamase-producing *Escherichia coli* urinary isolates in outpatients (2007-2012)**  
S. Kurutepe\* (Manisa, Turkey), H. Gazi
- EV0121 Risk factors for community-acquired acute pyelonephritis caused by extended-spectrum beta-lactamase-producing *Escherichia coli* in a university hospital in Tunisia**  
A. Toumi\* (Monastir, Tunisia), M. Hafsa, Y. Kadri, A. Aouam, H. Ben Brahim, C. Loussaief, M. Chakroun
- EV0122 Risk factors for carbapenemase-producing *Klebsiella pneumoniae* strains infection**  
K. Kontopoulou, K. Tsepanis, S. Vasiliou\* (Thessaloniki, Greece), P. Zagka, A. Ifantidou, G. Mantazis, E. Antoniadou, N. Voloudakis, S. Metallidis, N. Malisiovas, A. Vatopoulos
- EV0123 Risk factors associated with *Acinetobacter baumannii* septicaemia and its mortality rates in critically ill patients**  
K. Tsepanis, K. Kontopoulou, S. Vasiliou\* (Thessaloniki, Greece), A. Ifantidou, I. Georgitzikis, K. Xatzopoulou, P. Tasioudis, X. Eleytheria, E. Antypa, N. Voloudakis, E. Antoniadou
- EV0124 Cross-sectional study of faecal carriage of carbapenem-resistant Gram-negative bacteria in Saint Petersburg hospitals**  
I. Partina, V. Ageevets, A. Goncharov, L. Zueva, S. Sidorenko\* (St. Petersburg, Russia)
- EV0125 High-risk clones among carbapenemase-producing *Pseudomonas aeruginosa* in a Portuguese hospital**  
J. Botelho, F. Grosso, C. Rocha, M. Brilhante, C. Sousa, L. Peixe\* (Porto, Portugal)

## EV04

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Antimicrobials: in vitro antibacterial susceptibility

- EV0126 "Activity of a polyhexanide solution (Prontosan®) against multidrug-resistant nosocomial bacteria"**  
R. López-Rojas\* (Seville, Spain), F. Fernández-Cuenca, L. Serrano-Rocha, A. Pascual-Hernández
- EV0127 Use of human polyclonal intravenous immunoglobulin (IVIg) as adjuvant therapy in combination with antibiotics against multidrug-resistant Gram-positive bacteria**  
M. Sallam\* (Cairo, Egypt), K. Abou Aisha, M. El-Azizi
- EV0128 Ceftaroline in the treatment of complicated skin and soft tissue infections: *in vitro* susceptibility of baseline pathogens isolated in a phase III randomized clinical trial**  
E. Reiszner, J. Ambler, J. Iaconis\* (Waltham, MA, United States)
- EV0129 Microcalorimetric assay for *in vitro* real time monitoring of bacteria-drug interaction: *Escherichia coli* vs gentamicin**  
A. Muntean\* (Bucharest, Romania), D.C. Zaharia, R. Micut, M. Popa, B. Tanase, F. Ochea, M.M. Florea, M. Huhu, O. Ioghen, S.A. Gheorghe, C.D. Dinu, T.V. Popa, M.A. Bogdan, M.I. Popa
- EV0130 Evaluation of *in vitro* activity of fosfomycin against multidrug-resistant *E.coli* urinary isolates**  
T. Demir\* (Kirsehir, Turkey), T. Buyukguclu
- EV0131 Rapid identification and antimicrobial susceptibility testing directly from blood cultures**  
M.V. Mauro, S. Dodaro, D. Perugini, F. Greco, R. Tenuta, L. Varisano, C. Giraldi\* (Cosenza, Italy)
- EV0132 Antimicrobial susceptibility profiles of *Helicobacter cinaedi* strains isolated from patients in Japan**  
J. Tomida\* (Nagoya, Japan), Y. Morita, T. Sato, Y. Kawamura
- EV0133 Mutant prevention concentration (MPC) values for ciprofloxacin with Gram-negative respiratory pathogens and considering ciprofloxacin dry powder for inhalation (ciprofloxacin DPI) pulmonary drug concentrations**  
J.M. Blondeau\* (Saskatoon- Saskatchewan, Canada), S. Shebelski

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- EV0134 Antimicrobial surfaces: innovative technologies to avoid healthcare-associated infections**  
P. Fernandez-Saiz\* (Valencia, Spain), S. Amor-Franco, M. Monte-Serrano
- EV0135 Optimization of the MBT ASTRA**  
K. Sparbier, B. Wegemann, C. Lange, M. Kostrzewa\* (Bremen, Germany)
- EV0136 Antibacterial activity of lipid nanocapsules and their interaction with antimicrobial peptides**  
A.M. Umerska\* (Angers, France), S. Lociuo, N. Matougui, A. Groo, V. Cassissa, P. Saulnier, M. Joly-Guillou
- EV0137 In vitro activities of dalbavancin and five comparator agents against Gram-positive organisms isolated from cancer patients**  
K.V.I. Rolston\* (Houston, TX, United States), W. Wang, L. Neshor, S. Shelburne, R. Prince
- EV0138 Screening of vaginal lactobacilli for their probiotic potential**  
R. Mändar\* (Tartu, Estonia), E. Lapp, A. Ahelik, P. Hütt, I. Smidt, T. Rööp, D. Hoidmets, H. Taemla, J. Stsepetova
- EV0139 Comparison of the commercial MICRONAUT broth microdilution system and the E-test with the EUCAST broth microdilution method for susceptibility testing of *Candida* species**  
M. Heusinkveld\* (Amsterdam, Netherlands), M. Gittelbauer, P. Verweij, C. VandenBroucke-Grauls, Y. Debets-Ossenkopp
- EV0140 A rapid antibiotic susceptibility test in non-fermenting Gram-negative rods using ATP-bioluminescence**  
G.A. March\* (Valladolid, Spain), M.P. Gutiérrez, M. Simarro, A. Orduña, M.A. Bratos
- EV0141 In vitro testing of new flavodoxin inhibitors against *Helicobacter pylori* infection**  
J. Arribas Garcia\* (Zaragoza, Spain), J. Bueno, M. Alias, S. Salillas, C. Sostres, I. Ariño, A. Belles, C. Seral, M. Gonzalez-Dominguez, A. Lanas, J. Sancho, F.J. Castillo
- EV0142 In- vitro activity of ceftaroline against *Streptococcus pyogenes* clinical isolates**  
A. Tenorio-Abreu\* (Huelva, Spain), L.A. Arroyo Pedrero, B. Gómez-Alonso, A. Gragera Martínez, A. Avila Alonso, J. Gil Tomás, E. Rodríguez-Molins, J. Colomina Rodríguez, R. Ortiz De Lejarazu Leonardo
- EV0143 Comparison of the in vitro drug susceptibility of *Mycobacterium tuberculosis* to amikacin and kanamycin**  
J.A. Dijkstra\* (Groningen, Netherlands), T. Van der Laan, O.W. Akkerman, M. Bolhuis, W.C. De Lange, J.G. Kosterink, T.S. Van der Werf, J. Alffenaar, D. Van Soelingen
- EV0144 Ceftaroline susceptibility against clinically relevant skin and soft tissue infection pathogens collected from hospitalized patients in the European Union: 2013 AWARE surveillance programme**  
D. Hoban, M. Hackel, S. Bouchillon, D. Biedenbach\* (Schaumburg, IL, United States), D. Sahm, E. Reizsner, J.E. Ambler
- EV0145 Comparative activity of ceftaroline against drug-resistant *Streptococcus pneumoniae* from multiple specimen sources in Europe (2012-2013): a report from AWARE**  
M. Hackel\* (Schaumburg, IL, United States), D. Hoban, D. Biedenbach, S. Bouchillon, J.E. Ambler
- EV0146 Antibiotic susceptibility patterns of *Propionibacterium acnes* isolated from orthopaedic implant-associated infections**  
K. Jasmine, H. Bengt\* (Örebro, Sweden), D. Sabina, U. Magnus, N. Asa, S. Bo
- EV0147 Bacterial biofilm formation on magnesium implants for medical applications**  
O. Charyeva\* (Dieburg, Germany), J. Neilands, G. Svesätter, A. Wennerberg
- EV0148 Frequencies of urinary tract infections among children aged 0-16 years: distribution and antimicrobial susceptibilities of the strains**  
T. Demir\* (Kirsehir, Turkey)
- EV0149 Evaluation of VITEK 2 for the identification of vancomycin-resistant *Enterococcus faecalis* and *Enterococcus faecium***  
H.L. Nielsen\* (Aalborg, Denmark), H. Schumacher
- EV0150 Action of essential oils on resistant *E. coli* arising from the urinary tract**  
F. Feijo\* (Mossoró, Brazil), N. Dutra Alves, G. Queiroga, B.C.C. Fernandes, C. Santos, T. Ribeiro, S.A.S. Amora, T. Dantas
- EV0151 Susceptibility of intestinal anaerobes and aerobes to surotomycin and therapeutic comparators**  
S. Copsey-Mawer\* (Cardiff, United Kingdom), S. Scotford, J. Richards, C. Davis, M. Wootton, T. Morris, L. Chesnel, R. Howe

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**EV0152 Antimicrobial susceptibility and clinical relevance of *Mycobacterium avium* complex isolates**

F. Kontos, M. Zande, J.C. Herrera Diaz, D. Mavromanolakis, Z. Gitti\* (Heraklion, Greece)

**EV0153 *In vitro* susceptibility of *S. pneumoniae* to solithromycin (SOL) in Belgian and German collections with an elevated percentage of isolates resistant to macrolides and fluoroquinolones**

P.M. Tulkens\* (Brussels, Belgium), F. Van Bambeke, N. Vandeveld, R. Vanhoof, M. Van de Linden

**EV0154 A comparison of the *in vitro* susceptibility of recent and historical isolates of *Clostridium difficile* to surotomycin and comparator antimicrobials**

C. Chilton\* (Leeds, United Kingdom), J. Vernon, J. Freeman, L. Chesnel, C. Mascio, M. Wilcox

**EV0155 Susceptibility to alternative therapeutic agents of UK *Clostridium difficile* isolates**

S. Copsey-Mawer\* (Cardiff, United Kingdom), H. Hughes, S. Scotford, S. Jones, C. Davis, M. Wootton, T. Morris, R. Howe

**EV0156 Acquisition of *Acinetobacter baumannii* colistin resistance due to loss of lipopolysaccharide results in increased susceptibility to clinically relevant antibiotics without altering susceptibility to antimicrobial peptides**

M. García-Quintanilla\* (Seville, Spain), P. Moreno-Martínez, R. Martín-Peña, J. Pachón, M.J. McConnell

**EV0157 Antimicrobial susceptibility of strains of *Lactococcus garviae* isolated from human samples**

F. Galan-Sanchez\* (Cadiz, Spain), I. Guerrero-Lozano, T. Trujillo-Soto, M. Reguera-Brito, M. Rodriguez-Iglesias

## EV05

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Antimicrobials: mechanisms of action and resistance

**EV0158 Morphological changes in *Staphylococcus aureus* cells induced by *Thymus vulgaris* essential oil**

G. Setlhare\* (Bloemfontein, South Africa), N. Malebo, J. Nkhebenyane

**EV0159 Multidrug-resistant *Proteus mirabilis* in nursing homes**

B. Bedenic\* (Zagreb, Croatia), N. Firis, T. Mestrovic, K. Matanovic, I. Stimac, J. Vranes

**EV0160 Occurrence and characterization of extended-spectrum beta-lactamase-producing enteric bacteria from market chickens in Nsukka, Nigeria**

C. Torres, I. Ugwu, A. Okpala, S. Ceballos, A. Alonso, J. Nwanta, K. Foinkfu Chah\* (Nsukka, Nigeria)

**EV0161 Resistance to macrolides in clinical *Corynebacterium striatum* strains isolated from Tunisia**

S. Alibi\* (Sousse, Tunisia), A. Ferjani, C. Rodríguez-Mirones, M. Eliecer Cano, J. Boukadida, L. Martinez-Martinez, J. Navas Mendez

**EV0162 Determinants of quinolone resistance of uropathogenic *Escherichia coli* isolated from the community in north of Algeria**

B. Yanat\* (Bejaia, Algeria), M. Vinas, T. Vinuesa, A. Touati

**EV0163 Single amino acid substitution variant of OXA-10 confers carbapenem-resistance in a clinical isolate of *Klebsiella pneumoniae***

F.A. Lange\* (Bochum, Germany), N. Pfennigwerth, S. Gatermann, M. Kaase

**EV0164 Carbapenem-resistant *Bacteroides fragilis* group isolates: phenotypic and molecular characterization testing**

A. Schuetz\* (New York, NY, United States), A. Brudie, K. Fauntleroy, E. Hissong, S. Jenkins

**EV0165 Antimicrobial resistance and virulence characterization of *Pseudomonas* spp strains recovered from freshwater environments**

C. Casado\* (Logroño, Spain), V. Estepa, B. Rojo-Bezares, L. Ruiz-Roldan, J.M. Azcona-Gutierrez, C. Torres, Y. Saenz

**EV0166 Seesaw effect: with unpredictable magnitude and no effect on methicillin-susceptible *Staphylococcus aureus***

C. Charre\* (Bron, France), C. Massip, L. Durous, C. Bouveyron, F. Vandenesch

**EV0167 Is the ribosome targeted by adaptive mutations?**

A. Jiménez Fernández\* (Hørsholm, Denmark), L.R. Jensen, H.K. Johansen, M. Søren

**EV0168 CSP-1, a new subclass B3 metallo-beta-lactamase in *Chryseobacterium* isolated from soil**

D.D. Gudeta\* (Frederiksberg, Denmark), S. Pollini, J. Docquier, V. Bortolaia, G.M. Rossolini, L. Guardabassi

**EV0169 Fast development of ciprofloxacin resistance in *P. aeruginosa* and *S. epidermidis* biofilms exposed to biofilm sub-inhibitory concentrations of ciprofloxacin in an evolution experiment**

O. Ciofu\* (Copenhagen, Denmark), K. Ivanyshyn, T. Wassermann, N. Hoiby

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- EV0170** The multiple drug resistance efflux pump regulator RamA from *Citrobacter koseri* reveals high structural and functional homology with the transcription factor MarA of *Escherichia coli*  
A. Reinhardt\* (Hamburg, Germany), D. Hasenpusch, A. Heisig, P. Heisig
- EV0171** ClpK-mediated heat resistance may favour persistence of extended-spectrum beta-lactamase-producing *E. coli* isolates in nosocomial environments  
E.J. Boll\* (Copenhagen, Denmark), J. Frimodt-Møller, B. Olesen, K.A. Krogfelt, C. Struve
- EV0172** Outbreak of vancomycin-variable *Enterococcus faecium* in Norway loss of an insertion sequence element in the *vanA* cluster makes susceptible isolates resistant  
A. Sivertsen\* (Tromsø, Norway), T. Pedersen, K. Bergh, K. Wik Larssen, M. Lind Kroknes, I. Sjögren, K. Hegstad
- EV0173** Clonal diversity of *A. baumannii* mediated by carbapenem resistance in Saudi Arabian hospitals  
A. Alsultan\* (Al-Ahsa, Saudi Arabia)
- EV0174** Impact of induced quinolone resistance and ciprofloxacin stress on the membrane and intracellular subproteomes of *Salmonella* Typhimurium DT104B  
S. Correia\* (Vila Real, Portugal), I. Chafsey, M. Hébraud, J.L. Capelo, P. Poeta, G. Igrejas
- EV0175** Absence of QRDR topoisomerase mutations in first-and second-step ciprofloxacin-resistant mutants enterobacteria-harboring plasmid-mediated quinolone-resistance determinants  
M. Albert Hernandez\* (Salamanca, Spain), G. Yagüe Guirao, M. Segovia Hernandez, J.L. Muñoz Bellido
- EV0176** KPC versus MBL producing *Klebsiella pneumoniae* isolates: a four-year study of mechanisms of carbapenem resistance  
V. Papaioannou\* (Athens, Greece), S. Tsiplakou, A. Stylianakis, E. Koiliari, E. Maggou, S. Mantzari, S. Psallida, A. Adamopoulos, K. Mouta
- EV0177** *mexR* and *nfxB* regulatory genes detection and mutation analysis in *Pseudomonas aeruginosa*  
M. Grijalva\* (Sangolquí, Ecuador), C. Andrade, P. Jiménez
- EV0178** *blaKPC* expression and sequence analysis and correlation with phenotype in clinical strains of *Klebsiella pneumoniae*  
M. Grijalva\* (Sangolquí, Ecuador), E. Calderón, P. Jiménez
- EV0179** Carbapenem-resistant *Enterobacter cloacae* co-harboring OXA-370 and NDM-1 in Brazil  
C. Silva Nodari, F. Rozales, C. Magagnin, R. Matusiak, R. Marx, A. Zavascki, A.L. Barth\* (Porto Alegre, Brazil)
- EV0180** Evaluation of heteroresistance to imipenem in *Enterobacter cloacae* complex isolates  
A.E. Bruhn da Silva, C. Silva Nodari, A. Francisco Martins, A.L. Barth\* (Porto Alegre, Brazil)
- EV0181** The genomes of carbapenem-resistant pathogens of five different species isolated at a Swedish hospital  
A. Johnning\* (Gothenburg, Sweden), N. Karami, E. Tång Hallbäck, I. Adlerberth, E. Kristiansson
- EV0182** Evolution of colistin resistance confers cross-resistance to human antimicrobial peptides in *Acinetobacter baumannii*  
B. Evans\* (Cambridge, United Kingdom)
- EV0183** Antimicrobial resistance and virulence characterization of *Pseudomonas* spp. strains recovered from healthy animals  
L. Ruiz Roldan\* (Logroño, Spain), B. Rojo-Bezares, C. Casado, J.M. Azcona-Gutierrez, C. Torres, Y. Saenz
- EV0184** Reduction of *Staphylococcus aureus* persister cells by endogenous factor present in spent medium  
M.S. Bojer\* (Frederiksberg, Denmark), H. Ingmer
- EV0185** Genetic and biochemical characterization of OXA-405, a new extended spectrum class D beta-lactamase from *Serratia marcescens*  
L. Dortet\* (Le Kremlin-Bicêtre, France), S. Oueslati, K. Jeannot, D. Tandé, C. De Champs, T. Naas, P. Nordmann
- EV0186** Impact of *ramA* overexpression on fitness of *Citrobacter freundii* and *Escherichia coli*  
J. Wenk\* (Hamburg, Germany), A. Reinhardt, F. Kühn, A. Heisig, P. Heisig
- EV0187** Paradoxical high-level spiramycin resistance and erythromycin susceptibility in a *Streptococcus constellatus* clinical isolate  
C. Isnard\* (Caen, France), M. Auzou, S. Galopin, F. Guérin, P. Woerther, C. Elisabeth, V. Cattoir
- EV0188** Common non-steroidal anti-inflammatory drugs (NSAIDs) exert pleiotropic effect as the reason for their novel anti-tubercular specific action  
A. Maitra, D. Evangelopoulos, J. Guzman, P. Mortazavi, T. McHugh, S. Bhakta\* (London, United Kingdom)



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- EV0189** *In vitro* susceptibility of *Alloscardovia omnicoles* to 18 antimicrobial agents and molecular analysis of fluoroquinolone resistance  
C. Isnard\* (Caen, France), S. Reissier, R. Lienhard, F. Guérin, M. Auzou, V. Cattoir
- EV0190** Epidemic plasmids harbouring fluoroquinolone-resistance genes *qnrS* in *E. coli* from European rooks  
M. Dolejska\* (Brno, Czech Republic), I. Jamborová, H. Dobiasova
- EV0191** Synergy analysis of triple antibiotic combination (MEM, TGC and CST) against multidrug-resistant clinical *Klebsiella pneumoniae* isolates  
C. Stein\* (Jena, Germany), C. Brandt, J. Costa Ramos, S. Hagel, O. Makarewicz, M.W. Pletz
- EV0192** Antibiotic resistance development associated with long-term infections by *Pseudomonas aeruginosa* in cystic fibrosis airways  
L. Rojek Jensen\* (Kgs. Lyngby, Denmark), L. Sommer, R. Lykke Marvig, T. Pressler, S. Molin, H. Krogh Johansen
- EV0193** Resistance mechanisms to quinolones in nalidixic acid-resistant, ciprofloxacin-susceptible enterobacteria  
L. Viñuela Sandoval, J. Munoz-Bellido\* (Salamanca, Spain)
- EV0194** Measuring efflux in MDR *Escherichia coli* using 1,2` DNA and BM27 as dyes in real-time fluorescence assays  
L. Greim-Kuczewski, S. Schuster, T. Schweigger, J. Bohnert, J. Handzlik, W.V. Kern\* (Freiburg, Germany)
- EV0195** Novel class 3 integron with a group IIC-attC intron in an ESBL-*Citrobacter freundii* isolate from hospital effluent in Luxembourg  
P.I. Simo Tchuinte\* (Limoges, France), T. Stalder, S. Venditti, M. Casellas, C. Dagot, A. Ngandjio, M. Ploy, O. Barraud
- EV0196** Analysis of complete genome sequences of a daptomycin-susceptible *Staphylococcus aureus* strain and its daptomycin-resistant variant arising during antibiotic therapy in a patient with infective endocarditis  
A. Sabat\* (Groningen, Netherlands), M. Tinelli, H. Grundmann, V. Akkerboom, M. Monaco, M. Del Grosso, R. Hendrix, A. Friedrich, A. Pantosti

- EV0197** Ancient OXA-58-producing *Acinetobacter* genomic species 'close to 13TU' (Ac CT13TU) clinical isolates in Brazil: could it be the species reservoir for blaOXA-58?  
R. Cayô\* (São Paulo, Brazil), F. Rodrigues-Costa, T. Van der Reijden, A. Matos, C. Carvalhaes, L. Dijkshoorn, A. Gales
- EV0198** Detection of typical class 2 and atypical class 1 integrons in *Shigella* spp. from faecal samples of peruvian children  
M. Riveros Ramirez\* (Lima, Peru), S. Martinez-Puchol, M.J. Pons, T. Ochoa Woodell, J. Ruiz
- EV0199** Heteroresistance to colistin in ESBL-producing *Klebsiella pneumoniae* after the introduction of selective digestive tract decontamination  
T. Halaby\* (Hengelo, Netherlands), E. Kucukkose, N. Al Naiemi, A. Van der Zande, C. Vandenbroucke-Grauls

## EV06

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Antimicrobials: new antimicrobials

- EV0200** Therapeutic potential of *Solidago canadensis* invasive-aggressive species for the extraction of essential oils with antimicrobial and anti-biofilm activity  
I.C. Marinas\* (Bucharest, Romania), C. Chifiriuc, E. Oprea, M. Buleandra, I.A. Badea, C. Bleotu, V. Lazar
- EV0201** Brilacidin, host defence peptide mimetic, one of a new class of immunomodulatory agents that can target multiple disease indications  
R.W. Scott\* (Daylestown PA, United States), S.T. Sonis, B. Krocak, K.B. Freeman, W.F. DeGrado, S.A. Holden, A. Kumar, K. Chafai-Fadela, S. Ram, K. Menon
- EV0202** Activity of BAL30072 and BAL30072 / meropenem (1:1) combination against recent clinical isolates of *Klebsiella pneumoniae* from urinary tract infections  
I. Morrissey\* (Epalinges, Switzerland), S. Magnet, S. Hawser, A. Santerre-Henriksen
- EV0203** Anti-adhesive therapies: determination of the minimal anti-adhesive concentration of FimH antagonists towards several uropathogenic *Escherichia coli* strains  
A.C. Sigl\* (Basel, Switzerland), R. Zimmermann, N. Lüdin, D. Eris, B. Ernst

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- EV0204** **Comparative analyses between peppermint essential oil in combination with antibiotics on plasmid-conferred multidrug-resistant bacteria**  
E. Lim\* (UPM Serdang, Malaysia), P.S.X. Yap
- EV0205** **Nanoparticles for antimicrobial treatment of leathers used in footwear industry**  
C. Gaidau, L. Ditu\* (Bucharest, Romania), C. Chifiriuc, C. Curutiu, M. Popescu, A. Petica
- EV0206** **Severe hospital-acquired and ventilatory-acquired pneumonia treatment: a systematic review of inclusion and judgement criteria used in RCTs**  
W. Emmanuel, J. Zahar, C. Adrie, M. Wolkewitz, W. Essaied, J. Timsit\* (Paris, France)
- EV0207** **The anti-chlamydial effect of phenothiazines and disiloxane derivatives**  
G. Spengler\* (Szeged, Hungary), T. Mosolygó, J. Molnár, A. Csonka, A. Csonka, L. Amaral, K. Burián
- EV0208** **Efficacy of novel extended spectrum pleuromutilins against *E. coli* in vitro and in vivo**  
W. Wicha\* (Vienna, Austria), S. Paukner, D.B. Strickmann, K. Thirring, H. Kollmann, W. Heilmayer, Z. Ivezic-Schoenfeld
- EV0209** **Production of bacteriocin with broad spectrum antimicrobial activity by *Pseudomonas aeruginosa* isolated from water outlets in hospital wards**  
S. Yui\* (London, United Kingdom), S. Ali, P. Wilson
- EV0210** **Development of a FtsZ-targeting agent that overcomes common resistance mechanisms exhibited by contemporary clinical isolates**  
E. LaVoie\* (Piscataway, NJ, United States), A. Parhi, L. Mark, M. Kaul, Y. Zhang, G. Mario, D. Pilch
- EV0211** **Antibacterial activity of novel salicylanilides against vancomycin-resistant *Enterococcus faecalis* (VRE)**  
I. Zadrazilova\* (Brno, Czech Republic), S. Pospisilova, K. Pauk, A. Imramovsky, A. Cizek, J. Jampilek
- EV0212** **The effects of sub-inhibitory concentrations of a PolC-inhibitor on *Clostridium difficile***  
E. Van Eijk\* (Leiden, Netherlands), E. Kuijper, I. Sanders, G. Wright, W.K. Smits
- EV0213** **AP138, a second-generation plectasin, shows good bactericidal properties and long post-antibiotic effect (PAE) in *Staphylococcus aureus* ATCC29213**  
S. Lociuero\* (Rancate, Switzerland), S. Neve, S. Kjærulff, P. Nordkild
- EV0214** **Effect of several phenolic compounds contained in wine in *Helicobacter pylori* clinical isolates studied by different phenotypic methods**  
A. Correa, A. Martinez, A. Carrascosa, T. Alarcon\* (Madrid, Spain)
- EV0215** **Community for open antimicrobial drug discovery [CO-ADD]**  
M.A. Cooper\* (Brisbane, Australia), J. Zuegg, A. Elliott, M. Blaskovich
- EV0216** **Identification and characterization of novel small-molecule inhibitors against hepatitis C virus (HCV RNA-dependent RNA polymerase (NS5B)) by using docking strategies**  
K. Shahin, B. Majid, A. Hedayatkah\* (Isfahan, Iran)
- EV0217** **Tetrahydroisoquinolines affect the whole-cell phenotype of *Mycobacterium tuberculosis* by inhibiting the ATP-dependent mure ligase**  
J. Guzman, T. Pesnot, D. Barrera, H. Davies, E. McMahon, D. Evangelopoulos, T. Munshi, P. Mortazavi, A. Maitra, E. Lamming, R. Angell, M. Gershater, J. Redmond, D. Needham, J. Ward, L. Cuca, H. Hailes, S. Bhakta\* (London, United Kingdom)
- EV0218** **Computer aided screening and evaluation of new potential inhibitors of Pantone-Valentine leukocidin (PVL) of methicillin-resistant *Staphylococcus aureus* (MRSA)**  
A. Hedayatkah\* (Isfahan, Iran), K. Shahin
- EV07**
- 
- ePoster Viewing Stations** **ePoster Area**
- 
- e-POSTER VIEWING:**  
**Antimicrobials: resistance surveillance**
- EV0219** **Carbapenemases in urinary isolates of Enterobacteriaceae from Croatia**  
B. Bedenic\* (Zagreb, Croatia), Z. Bosnjak, M. Vranic-Ladavac, S. Sardelic, V. Plecko
- EV0220** **Quinolone resistance is almost 70% amongst *Salmonella Typhi* diagnosed in Singapore; a two-year retrospective review of laboratory data**  
T. Barkham\* (Singapore, Singapore), A. Wilder Smith
- EV0221** **Antimicrobial susceptibility of mastitis pathogens isolated from diseased dairy cows across Europe: VetPath monitoring results**  
A. De Jong\* (Brussels, Belgium), H. Moyaert, S. Simjee, F. El Garch, S. Haag-Diergarten, U. Klein, C. Ludwig, P. Butty, A. Richard-Mazet, D. Rigaut, J. Thiry, V. Thomas

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- EV0222 Current status of carbapenem-resistant Enterobacteriaceae (CRE) in Latin America**  
D. Biedenbach\* (Schaumburg, IL, United States), B. Johnson, D. Sahm, H. Leister-Tebbe
- EV0223 In vitro activity of tigecycline and comparators against *Klebsiella pneumoniae* and *K. oxytoca* isolated from patients in Germany; 2010-2014**  
D. Hoban, D. Sahm\* (Schaumburg, IL, United States), M. Hackel, R. Badal, D. Biedenbach, S. Hawser, H. Leister-Tebbe
- EV0224 Antibiotic susceptibility profiles of recent European anaerobic isolates**  
M. Hackel\* (Schaumburg, IL, United States), M. Bailey-Person, I. Morrissey, H. Leister-Tebbe
- EV0225 Trends in susceptibility of Gram-negative ESKAPE pathogens in hospitalized patients in the United States (US) compared to Europe (EU)**  
D. Biedenbach\* (Schaumburg, IL, United States), M. Hackel, H. Leister-Tebbe, D. Sahm
- EV0226 Activity of tigecycline and comparators against pathogens in Spain from patients with complicated intra-abdominal (IAI) and skin and soft tissue infections (SSTI) - TEST Data 2010-2014**  
D. Hoban, D. Sahm, S. Bouchillon, R. Badal, M. Hackel, B. Johnson\* (Schaumburg, IL, United States), F. Marco, H. Leister-Tebbe
- EV0227 Multicentre surveillance of prevalence of the 23S rRNA A2058G point mutation and molecular subtypes in *Treponema pallidum* in Taiwan, 2009 to 2014**  
W. Liu\* (Taipei, Taiwan), B. Wu, Y. Su, S. Yang, P. Wu, S. Chang, C. Hung
- EV0228 Susceptibility of ceftobiprole and comparators against *Staphylococcus aureus* from hospital-acquired respiratory-tract infections in the UK and Ireland: 2011-12 & 2012-13**  
I. Morrissey\* (Epalinges, Switzerland), S. Hawser, R. Reynolds, M. Jones, A. Santerre Henriksen
- EV0229 Progressive increase of the detection of MDR strains in screening samples in a highly accessed tertiary care hospital**  
E. Santacatterina, A. Bartolini, E. Castellani, R. Ghirardo, A. Berto, E. Franchin, N. Menegotto, E. De Canale, T. Tommasini, M. Basso, G. Palu', S.G. Parisi\* (Padova, Italy)
- EV0230 In vitro activity of tigecycline against 14,074 Gram-negative and Gram-positive clinical isolates**  
D. Kofteridis\* (Heraklion, Greece), S. Maraki, A. Valachis, I. Papadakis, A. Andrianaki, M. Plataki, E. Padiaditis, G. Samonis
- EV0231 In vitro susceptibility of ESBL-producing Enterobacteriaceae isolates of intra-abdominal and urinary tract infections in Saudi Arabia: results from SMART 2010-2012**  
S. Al Johani, A. Shibl\* (Riyadh, Saudi Arabia), M. Irfan Khan, M. Abdel Monem Mohamed
- EV0232 Update on dalbavancin activity, a recently approved lipoglycopeptide, tested against Gram-positive isolates causing documented skin and soft tissue infections in United States and European hospitals (2011-2013)**  
R.E. Mendes\* (North Liberty, IA, United States), H.S. Sader, R.K. Flamm, D.J. Farrell, R.N. Jones
- EV0233 Tigecycline activity tested against more than 11,000 isolates of *Acinetobacter* spp. collected worldwide in 2004-2013**  
H.S. Sader\* (North Liberty, IA, United States), R.K. Flamm, D.J. Farrell, R.N. Jones
- EV0234 Activity of clofazamine against *Mycobacterium tuberculosis* isolates of multidrug-resistant tuberculosis**  
M. Wu, Y. Deng, C.C. Tseng, R. Jou\* (Taipei, Taiwan)
- EV0235 Pneumococcal resistance in Africa: filling the global map**  
I. Korbila, T. Nakouti, K. Tsiveriotis, J. Leptidis, M.E. Falagas\* (Athens, Greece)
- EV0236 Surveillance of faecal carriage of *Pseudomonas aeruginosa* in community setting in Spain**  
A. Bellés\* (Zaragoza, Spain), J. Bueno, J. Arribas, F. Peiró, Y. Sáenz, F.J. Castillo, C. Seral
- EV0237 Carbapenem resistance of *Pseudomonas aeruginosa* isolates from lower tract respiratory samples**  
A. Bellés\* (Zaragoza, Spain), S. Algarate, C. Seral, J. Bueno, J. Arribas, B. Rojo-Bezares, F.J. Castillo, Y. Sáenz
- EV0238 Eight year surveillance of resistance trends of mycoplasmas from women with vaginal discharge**  
E. Denkova-Draghijeva\* (Fintas, Kuwait)
- EV0239 Comparative analysis of different antibiotic susceptibility tests among 670 *mecA*-positive MRSA from sterile sites (TIST study, 2006-2010)**  
W. Wang\* (Taichung, Taiwan), T. Chieuh, S. Tsao, Y. Lee

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- EV0240** Correlation of molecular types with antimicrobial susceptibility profiles among 670 *mecA*-positive MRSA isolates from sterile sites (TIST study, 2006-2010)  
W. Wang\* (Taichung, Taiwan), T. Chieuh, S. Tsao
- EV0241** Assessing the impact of extended-spectrum beta-lactamase (ESBL)-producing Enterobacteriaceae (ESBLE) on the susceptibility of microorganisms isolated in peritoneal fluids to antibiotics prescribed for community-acquired peritonitis (CAP)  
C. Lemarié, H. Pailhoriès, P. Holecska, M. Kempf\* (Angers, France), M. Joly-Guillou, M. Eveillard
- EV0242** Use of cephalosporins in veterinary medicine: no risk, no fun? Results of the German National Antibiotic Resistance-Monitoring (GERM-Vet)  
H. Kaspar\* (Berlin, Germany), U. Steinacker, A. Roemer, J. Wallmann
- EV0243** A unique case of metronidazole resistant *Bacteroides fragilis* and *B. thetaiotaomicron* from one patient; first report of *nimJ* metronidazole resistance gene in *B. thetaiotaomicron*  
T. Vognbjerg Sydenham\* (Odense, Denmark), O. Källman, C.G. Giske, M. Kemp, U.S. Justesen
- EV0244** Airport door handles and the global spread of antimicrobial resistant bacteria  
F. Schaumburg\* (Münster, Germany), R. Köck, G. Peters, F. Leendertz, A. Mellmann, K. Becker
- EV0245** Coagulase-negative staphylococci: pathogens in blood cultures and catheter-related infections, species distribution and susceptibility to linezolid, teicoplanin and vancomycin  
S. Baka, I. Tsouma, S. Demeridou, V. Gennimata, E. Kouskouni\* (Athens, Greece)
- EV0246** A six year study of MRSA isolates causing osteoarticular and soft tissue infections and being susceptible to vancomycin with higher MIC values  
A. Stylianakis\* (Athens, Greece), S. Tsiplakou, V. Papaioannou, S. Kamariotis, M. Koursopoulou, A. Adamopoulos, E. Kailiari, S. Katara, S. Psalida
- EV0247** Surveillance of NDM-producing strains in carbapenem-resistant Enterobacteriaceae in a tertiary care hospital of Northern Greece  
A. Markantonatou\* (Thessaloniki, Greece), P. Giakkoupi, M. Issa, K. Tryfinopoulou, I. Doukopoulos, M. Polemis, A. Karantani, O. Pappa, A. Karyoti, A. Vatopoulos
- EV0248** Antimicrobial resistance of *Helicobacter pylori* clinical strains in the last 15 years in West Poland  
T.M. Karpinski\* (Poznan, Poland), K. Malinowska, E. Andrzejewska, A. Szkaradkiewicz, K. Linke
- EV0249** How should we look at previous microbiology results in practice?  
O.J. Dyar\* (Barnstaple, United Kingdom), T. Lewis
- EV0250** Surveillance of antimicrobial resistance trends using proportion or rates  
W. Altorf - Van Der Kuil\* (Bilthoven, Netherlands), A. Van der Bij, T. Leenstra
- EV0251** Antimicrobial resistance development of nosocomial isolates in the University Hospital in Bratislava - Old Town during the years 2007 to 2013  
J. Koren\* (Bratislava, Slovakia), M. Zaborska
- EV0252** Risk factors for nosocomial multidrug-resistant pathogens in ICUs: a multicentre time series analysis  
F. Schwab\* (Berlin, Germany), P. Gastmeier, E. Meyer
- EV0253** Linezolid resistant coagulase-negative staphylococci: incidence and susceptibility pattern in a tertiary care hospital  
P. Soria Lozano, A. López-Calleja, I. Ferrer, M. Villuendas, N. Actomil, M. Vicente, P. Hernández, A. Rezusta\*, M. Revillo (Zaragoza, Spain)
- EV0254** Minocycline activity tested against *Acinetobacter baumannii*, *Burkholderia cepacia* species complex, *Stenotrophomonas maltophilia*, and select Enterobacteriaceae isolates from a European surveillance programme (2013)  
R. Flamm\* (North Liberty, IA, United States), M. Castanheira, J.M. Streit, R.N. Jones
- EV0255** Secular trends in *Acinetobacter baumannii* resistance in pneumonia and bacteraemia in the US, 2003-2012: a survey study  
A. Shorr\* (Washington, D.C., United States), M. Zilberberg, M. Kollef
- EV0256** *Acinetobacter baumannii* recovered from nursing home patients with pneumonia and/or bacteraemia carries a high risk of antimicrobial resistance: a survey study  
A. Shorr\* (Washington, D.C., United States), M. Zilberberg, M. Kollef
- EV0257** Recent trends of antimicrobial resistance in the community hospitals from 2008 to 2013 in Korea  
S. Lee\* (Seoul, Korea)

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**EV0258 Primary resistance of *Helicobacter pylori* strains isolated from patients in Saint-Petersburg (Russia)**

V. Simanenkova, N. Zakharova\* (St. Petersburg, Russia), A. Zherbrun, I. Savilova, A. Svarval, R. Ferman, N. Miroshnichenko

**EV0259 Blood culture isolates from bone marrow transplant and haematolymphoid cancer patients: bacteriological profile and antibiotic resistance**

V. Bhat\* (Navi Mumbai, India), R. Kelkar

**EV0260 Susceptibility of European *Clostridium difficile* isolates, including epidemic and hypervirulent PCR ribotypes to metronidazole, vancomycin and fidaxomicin**

J. Freeman\* (Leeds, United Kingdom), J. Vernon, C. Longshaw, M. Wilcox

**EV0261 Proportions of ESBL-producers among *E. coli* isolates according to culture site and patient age, gender, and location**

A. Badura\* (Graz, Austria), G. Feierl, E. Leitner\* (Graz, Austria), G. Pregartner, A. Grisold

**EV0262 Heavy metal tolerance of *Staphylococcus aureus* isolates from patients treated with silver coated wound dressings**

C. Kittinger\* (Graz, Austria), R. Baumert, B. Folli, M. Lipp, S. Grundke, G. Feierl, K.P. Stahmann, G. Koraimann, U. Wagner-Eibl, A.J. Grisold, E. Leitner, G. Zarfel

**EV0263 Modern antimicrobial resistance surveillance on the national level in Finland**

M.M. Gunell, A. Nissinen, J. Jalava, P. Huovinen, A. Hakanen\* (Turku, Finland)

**EV0264 Antibiotic resistance pattern of *Pseudomonas* spp. isolated from the total course of the river Danube**

G. Zarfel, A. Kirschner, D. Toplitsch, A. Liebmann, G. Koraimann, R. Baumert, B. Folli, M. Lipp, F. Andreas, A.J. Grisold, C. Kittinger\* (Graz, Austria)

**EV0265 Susceptibility study of non-typhi *Salmonella* spp. in hospital La Paz in Madrid: six years of surveillance and first case of vim-1 carbapenemase-producing *Salmonella* spp.**

M. Muñoz-Vélez, R. Gómez-Gil\* (Madrid, Spain), A. Sotillo-Torquemada, S. García-Bujalance, J. Mingorance, J. García-Rodríguez

**EV0266 Evaluation of methods for enrichment of carbapenemase-producing *E. coli* in pork meat and cecal samples of porcine and bovine origin**

H. Hasman\* (Kgs. Lyngby, Denmark), Y. Agerød, L. Cavaco, C. Aaby Svendsen, H. Nielsen, M. San José, J. Fischer, S. Schmoger, P. Rosa, B. Guerra

**EV0267 Phenotypic and genotypic antibiotic resistance in *Helicobacter pylori*-positive patients after therapy failure**

L. Franzin\* (Turin, Italy), C. Avanzini, V. Demarie, D. Turco, P. Secreto, M. Baronio, E. Garelli

**EV0268 Epidemiology of antibiotic resistance of *E. coli*, *S. aureus* and *P. aeruginosa* isolated from bloodstream infections (BSI) across 5 centres in England during 2010-2012**

A.P. MacGowan, K. Bowker\* (Bristol, United Kingdom), F. Elder

**EV0269 Evolution of cefepime resistance in *Enterobacter cloacae* isolates in the health area of Pontevedra-Salnés, Spain. Five-year study (2010-2014)**

R. Tato\* (Pontevedra, Spain), M.J. Zamora, J. Martínez, D. Guzmán, P. Alvarez, S. Cortizo, A. Pallarés, V. Pulán, M. Trigo, M. García

**EV0270 Antimicrobial resistance of *Pseudomonas aeruginosa* clinical isolates in a tertiary hospital**

S. Tsiplakou\* (Athens, Greece), V. Papaioannou, A. Stylianakis, I. Papadakis, S. Psallida, E. Koiliari, S. Mantzari, N. Zalavras, K. Mouta

**EV0271 Targeted therapy with beta-lactam/beta-lactam Inhibitor (BLBLI) combinations vs carbapenems for the treatment of bacteraemia due to extended-spectrum beta-lactamase (ESBL)-producing *Enterobacteriaceae*: the INCREMENT project**

B. Gutiérrez-Gutiérrez\* (Seville, Spain), M. De Cueto, E. Salamanca, R.A. Bonomo, Y. Carmeli, D. Paterson, A. Pascual, J. Rodríguez-Baño

**EV0272 Frequency and resistance patterns of hospital-acquired multidrug-resistant and pan-drug-resistant *Pseudomonas aeruginosa* infections in Turkey**

M.C. Sonmezer, G. Ertem\* (Ankara, Turkey), F.S. Erdinc, M. Yucel, C. Hatipoglu, N. Tulek, A.P. Demiroz

**EV0273 Distribution of genes encoding resistance to macrolides among staphylococci isolated from poultry meat**

M. Virgailis\* (Kaunas, Lithuania), R. Siugzdiniene, I. Klimiene, L. Vaskeviciute, R. Mockeliunas, M. Ruzauskas



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- EV0274 Multidrug-resistant Gram-negative bacilli infections in medical departments in Sousse, Central Tunisia**  
S. Mansouri\* (Sousse, Tunisia), F. Bellazreg, B. Achour, Z. Hattab, J. Souissi, W. Hachfi, A. Letaief
- EV0275 An observational study on the prevalence of rifampicin and isoniazid resistance in smear negative pulmonary tuberculosis patients from a rural area in northern India**  
A. Kotwal\* (Dehradun, India), B. Kakati, S. Sharma, P. Jain
- EV0276 Relationship between spread of resistance strains and antimicrobial consumption in a Lebanese university hospital: cohort retrospective study from 2008 to 2012**  
A. Hajj\* (Beirut, Lebanon), R. Saliba, L. Karam, L. Khabbaz, N. El Osta, D. Karam Sarkis
- EV0277 Cumulative antimicrobial susceptibility test data: a comparative study between isolated microorganisms in hospital and community-patients**  
M.D. Rojo-Martín\* (Granada, Spain), C.L. Riazio Damas, C. Miranda-Casas, V. Heras-Cañas, Y. Hoyos-Mallecot, I. Pérez-Zapata, E. Cuadros-Moronta, J.M. Navarro-Marí
- EV0278 Gram-negative resistant strains represent an increasing issue at San Paolo hospital, Italy**  
O. Viganò\* (Milan, Italy), R. Piolini, F. Bai, A. Salvato, M.L. Biondi, L. Battaglioli, M.E. Locatelli, F. Crippa, G. Marchetti, C. Oggioni, A. D'Arminio Monforte
- EV0279 Retrospective analysis of antibiotic susceptibility patterns of microorganisms isolated from urine samples in a tertiary hospital in Korea, 2009-2013**  
H.S. Lee, J. Lee\* (Jeonju, Korea), Y.G. Cho, D.S. Kim, S.I. Choi, S.C. Cho
- EV0280 Occurrence of antibiotics and antibiotic resistant bacteria in wastewater streams**  
S. Van den Hengel\* (Leeuwarden, Netherlands), L. Hernandez Leal, B. De Vries, H. Sombekke
- EV0281 Occurrence and antimicrobial resistance of *Pseudomonas aeruginosa* isolated in haemodialysis water and dialysate from renal units in Greece during a 6-year period**  
I. Spiliopoulou\* (Vari Attica, Greece), A. Theofilou, K. Aivalioti, E. Velonakis, A. Vatopoulos
- EV0282 Primary and secondary resistance of *Helicobacter pylori* in Slovenia, 2011-2014**  
U. Dolinar\* (Ljubljana, Slovenia), S. Plut, B. Stabuc, M. Homan, B. Tepes, S. Jeverica
- EV0283 Antimicrobial resistance among nosocomial infection isolates from the Chinese Antimicrobial Resistance Surveillance (CARES) from 2007 to 2013**  
H. Chen\* (Beijing, China), H. Wang, C. Zhao, Q. Wang, X. Wang, Y. Zhang, H. Li, F. Zhang, Z. Wang
- EV0284 Exploration of drug resistance pattern of diarrhoeagenic pathogens in north-western Himalayan region of India: implications for use and misuse of antibiotics**  
N. Thakur\* (Waknaghat, India), H. Changotra, R. Shrivastava, N. Grover, J. Vashist
- EV0285 ESBL-producing Enterobacteriaceae and their resistance patterns in environmental and clinical bacterial isolates**  
C. Axelsson\* (Kristianstad, Sweden), A. Rehnstam-Holm
- EV0286 Antimicrobial susceptibilities of *Pseudomonas aeruginosa* strains recovered from outpatient and inpatients: five year surveillance; 2009-2013**  
T. Demir\* (Kirsehir, Turkey), F. Milletli Sezgin, M. Turan
- EV0287 Tracking ampicillin-resistant *Enterococcus faecium* in non-clinical settings from Angola**  
C. Novais, E. Martins, A.R. Dias, T.G. Ribeiro, A.R. Freitas, P. Antunes, L. Peixe\* (Porto, Portugal)
- EV0288 Comparison of EUCAST and CLSI zone interpretation criteria in clinical Enterobacteriaceae isolates**  
T. Demir\* (Kirsehir, Turkey), B. Ozdemir, G.A. Alagoz
- EV0289 A 10-year single-centre analysis of antibiotic resistance rates in neurosurgical patients with nosocomial bloodstream infections**  
P. Tsitsopoulos, E. Iosifidis, C. Antachopoulos, K. Karantani, A. Karyoti, G. Papaevangelou, E. Kyriazidis, D. Anestis, C. Tsonidis, E. Roilides\* (Thessaloniki, Greece)
- EV0290 Higher prevalence of blood culture multidrug-resistant Gram-negative bacteria positive at admission in a referral tertiary care centre in India**  
V. Nagvekar\* (Mumbai, India), S. Amey, S. Sawant, B. Joseph, J. Josekutty
- EV0291 Antibiotic susceptibility patterns of *Acinetobacter baumannii* isolated from hospital-acquired infections**  
M.C. Sonmezer, G. Ertem\* (Ankara, Turkey), C. Bulut, R. Berkem, F.S. Erdinc, N. Tulek, A.P. Demiroz

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**EV0292 Screening of rectal swabs for carbapenem-resistant *Bacteroides fragilis* group bacteria**  
*N. Ulger Toprak\** (Istanbul, Turkey), *O. Akgul*, *G. Altinkanat Gelmez*, *A. Karaaslan*, *M. Kaya*, *S. Ozsoy*, *H. Bilgin*, *E. Kepenekli*, *U. Sili*, *A. Soysal*, *M. Bakir*, *V. Korten*, *G. Soyletir*

**EV0293 *Klebsiella pneumoniae* isolated from blood cultures in laboratory department for bacteriology at emergency centre of clinical centre of Serbia**  
*B. Stosovic\** (Belgrade, Serbia), *D. Ilic*, *L. Boskovic*, *M. Sekeres*, *A. Milic*, *M. Jovanovic*, *T. Tosic*, *S. Jovanovic*

## EV08

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## e-POSTER VIEWING:

**Antimicrobials: surveys of molecular epidemiology of resistance and resistance genes, strains or serotypes**

**EV0294 Epidemiological features of *M. tuberculosis* infection with rifampicin and isoniazid resistant strains between 2005-2014**  
*M.J. Sada\** (Bilbao, Spain), *M.J. Unzaga*, *B. Caceda*, *M. Macho*, *C. Aspichueta*, *M.I. Gerediaga*, *A. Rosa*, *R. Cisterna*

**EV0295 Comparative study of rifampin and isoniazid resistance detection by phenotypic (MGIT 960) and genotypic (Genotype MTBDR plus, multiplex PCR and pyrosequencing) testing**  
*P. Soria Lozano*, *M. Monforte*, *S. Samper*, *J. Viñuelas*, *J. Domínguez*, *B. Molina-Moya*, *M. Vidal García*, *E. Laín*, *A. Rezusta\** (Zaragoza, Spain), *M. Revilla*

## EV09

## ePoster Viewing Stations

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## e-POSTER VIEWING:

**Basic Science: animal models including experimental treatment**

**EV0296 Antibiotic treatment of carbapenem-resistant *Klebsiella pneumoniae* (ST258) in murine experimental infection models**  
*C. Vingsbo Lundberg\** (Copenhagen, Denmark), *J.M. Andersen*, *J. Hansen*

**EV0297 The impact of trauma on invasive group A streptococcal disease**  
*L. Lamb\** (London, United Kingdom), *W. MacDonald*, *C.L. Scudamore*, *L. Tan*, *N. Lynskey*, *S. Sriskandan*

**EV0298 Lack of efficacy of daptomycin in the therapy of *Listeria monocytogenes* meningitis**  
*M. Vivas\** (Barcelona, Spain), *E. Force*, *C. El Haj*, *D. Garcia-Somoza*, *I. Pelegrin*, *J. Ariza*, *C. Cabellos*

**EV0299 New experimental models of carbapenem-resistant *Klebsiella pneumoniae* prosthetic joint infections and post-traumatic osteomyelitis**  
*L. Gatin\** (Garches, France), *A. Saleh-Mghir*, *F. Laurent*, *M. Verdier*, *I. Ghout*, *P. Tattevin*, *A. Crémieux*

**EV0300 Efficacy of solithromycin against *Enterococcus faecalis* in a neutropenic mouse thigh abscess model**  
*P. Fernandes\** (Chapel Hill, NC, United States), *K. Keedy*, *A. Slee*

**EV0301 Evaluating the induction potential of three antibiotics in the hamster *Clostridium difficile* infection model**  
*M. Pulse\** (Fort Worth, TX, United States), *T. Murphy*, *P. Nguyen*, *K. Peterson*, *J. Silva*, *J. Simecka*, *D. Valtierra*, *W. Weiss*, *S. Sayah-Jeanne*, *J. De Gunzburg*

**EV0302 *In vitro* and *in vivo* analysis of antimicrobial agents alone and in combination against multidrug-resistant *Acinetobacter baumannii***  
*D. Yu\** (Hangzhou, China)

**EV0303 Development of *Escherichia coli* systemic infection model for monitoring persisters and antibiotic susceptibility**  
*K. Kogermann\** (Tartu, Estonia), *M. Putrins*, *M. Lippus*, *I. Smidt*, *K. Truusalu*, *I. Lutsar*, *T. Tenson*

**EV0304 Vitamin D, sex and lung microbiota in the OVA asthma mouse model**  
*K. Klingenberg Barfod\** (Copenhagen, Denmark), *M. Roggenbuck*, *S. Gorman*

**EV0305 Coccoid form *H. pylori* can persistently colonize C57BL/6J mice stomach**  
*B. Attaran\** (Tehran, Iran), *T. Falsafi*

**EV0306 A mouse model for chronic fungal and poly-microbial osteomyelitis**  
*C. Christiansen\** (Copenhagen, Denmark), *T. Bjarnsholt*, *M. Shirtliff*, *E. Steffen*

**EV0307 Anti-obesity potential of *Lactobacillus salivarius* LPLM-01 in a murine model of diet-induced obesity**  
*E. Castro\** (Concepción, Chile), *J. Rojas-Fritz*, *J. Cofré*, *J.P. Mellado*, *M.J. Aguayo*, *K. Pardo*, *P. Contreras*, *F. Cárcamo*, *S. Martínez*, *M. González*, *H. Montecinos*, *R. Bórquez*, *D. Daniel*

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## EV10

## ePoster Viewing Stations

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## e-POSTER VIEWING:

## Basic Science: pathogenesis

## EV0308 Effects of antibiotic on the microbiota of mice

F.B. Hertz\* (Hvidovre, Denmark), M. Degen,  
P. Savelkoul, D. Budding, A. Løbner-Olesen,  
N. Frimodt-Møller

## EV0309 Matrix metalloproteinases contribute to brain

damage in experimental meningococcal meningitis  
S. Ricci\* (Siena, Italy), D. Grandgirard, M. Wenzel,  
T. Braccini, M.R. Oggioni, S. Leib, U. Koedel

## EV0310 The efficacy of dalbavancin in treatment of rat

sternal MRSA osteomyelitis  
Y. Barnea, A. Lerner, S. Navon-Venezia, M. Dunne,  
S. Puttagunta, Y. Carmeli\* (Tel Aviv, Israel)

EV0311 Antibiotic induced *Klebsiella* spp. overgrowth

treatment by probiotics  
E. Ermolenko\* (St. Petersburg, Russia), K. KLimina,  
E. Tarasova, A. Eliseev, M. Kotileva, Y. Borshchev,  
V. Danilenko, A. Suvorov

## EV0312 A new perspective medicine based on oxidized

dextran for influenza prevention and treatment  
O. Kurskaya\* (Novosibirsk, Russia), K. Sharshov,  
A. Glushchenko, A. Shestopalov

EV0313 *Streptococcus* as means of anti-cancer treatment

M. Suvorova\* (St. Petersburg, Russia), A. Lavrinova,  
V. Churkina, A. Suvorov, E. Kiseleva

## EV0314 The Antibiofilmogram®: a new antibiotic

susceptibility test against 'biofilm  
installation' in wound care validated in a  
foreign-body infection model

J. Tasse\* (Lyon, France), S. Badel-Berchoux, C. Provot,  
D. Croisier-Bertin, T. Bernardi, F. Laurent

## EV0315 Investigating a dual therapy approach aimed

at reducing the selection of fluoroquinolone-  
resistant mutants of *Campylobacter jejuni*  
and monophasic *Salmonella* Typhimurium in  
poultry

A. Ridley\* (Aldershot, United Kingdom),  
S. Cawthraw, L. Petrovska, L. Randall, R. Horton,  
C. Cook, R. La Ragione, R. Davies

EV0316 Molecular modulation of *rhl-I* quorum sensing

gene during *Pseudomonas aeruginosa*-  
*Drosophila melanogaster* crosstalk  
A. Ratiu\* (Bucharest, Romania), I. Csobor,  
A.A. Ecovoiu, M.R. Mihalache, A.M. Holban, A.I. Cotar,  
V. Lazar, M.C. Chifiriuc

EV0317 Population of fungi of the genus *Candida* in

the faeces of adult patients with type 1 and 2  
diabetes and its association with lipidaemia  
T. Gosiewski\* (Krakow, Poland), A. Sroka, D. Salamon,  
M. Szopa, K. Talaga, M.T. Malecki, M. Bulanda

## EV0318 Endothelial dysfunction in patients with

chronic hepatitis C  
N. Pshenichnaya\* (Rostov-on-Don, Russia),  
E. Romanova, I. Koshevko, K. Titiryan

EV0319 Biofilm formation of *Capnocytophaga* spp. as

ubiquitous inside oral biofilms  
Z. Tamanai-Shacoori, M. Lejeune, M. Auffret,  
N. Oliviero, M. Bonnaure, A. Jolivet-Gougeon\* (Rennes,  
France)

EV0320 *Staphylococcus aureus* alpha toxin

potentiates *Pseudomonas aeruginosa*  
infection in a murine pneumonia model  
J. Hilliard, D. Jones, T. Cohen, C. Tkaczyk,  
A. DiGiandomenico, C.K. Stover, B. Sellman\*  
(Gaithersburg, MD, United States)

## EV0321 Characteristics of von Willebrand factor-

binding protein gene from clinical isolates of  
*Staphylococcus lugdunensis*

C.W. Cheng\* (Taoyuan, Taiwan), J.J. Lu

## EV0322 Cell toxicity and effects on the activation

of cardioprotective pathways in human  
mesenchymal stromal cells from exposure  
to different antifungal agents of the  
echinocandin class

K. Neef\* (Cologne, Germany), G. Langebartels,  
Y. Choi, T. Wahlers

## EV0323 Molecular typing, virulence traits and

antimicrobial resistance of diabetic foot  
staphylococci  
C. Mottola\* (Lisbon, Portugal), T. Semedo-Lemsaddek,  
J.J. Mendes, J. Melo-Cristino, P. Cavaco-Silva,  
L. Tavares, M. Oliveira

## EV0324 Orchestration of whole blood leukocytes is

mandatory for interferon-gamma production  
in brucellosis  
A. Pistiki, M.G. Netea, M. Georgitsi, V. Lorida,  
J.W.M. Van der Meer, E.J. Giamarellos-Bourboulis,  
E. Giannitsioti\* (Athens, Greece)

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- EV0325** The effect of intestinal microbiota on carbapenem-resistant Enterobacteriaceae and extended-spectrum beta-lactamase-producing *Escherichia coli* by using growth, beta-lactamase activity and conjugation assays  
H. Kunishima\* (Kawasaki, Japan), K. Wada, M. Hirose, N. Ishibashi, K. Oshima, T. Aoyagi, S. Endo, K. Oka, M. Takahashi, T. Matsuda, M. Kaku
- EV0326** Which role for mitochondrial alarmins in rabbit with *Streptococcus pneumoniae* pneumonia and mechanical ventilation?  
M. Blot, L. Pauchard, I. Dunn-Siegrist, J. Pugin, P. Charles\* (Dijon, France)
- EV0327** Influence of (p)ppGpp molecule in the entry of viable but nonculturable state and on the morphology of *Salmonella enterica* serovar enteritidis  
R.C. Rodrigues\* (Nantes, France), E. Martins, M.C.D. Vanetti, U.M. Pinto, M.T. Dos Santos
- EV0328** Prevalence of pathogenicity islands among *Streptococcus agalactiae* strains collected from mothers and neonates. Relationship with serotype and antimicrobial resistance  
A. Vergara, I. Sanfeliu, M.T. Juncosa, L. Goterris, M. Xercavins, J. Perez, M.A. Gasos, J. Lite, J. Bosch, S.M. Soto\* (Barcelona, Spain)
- EV0329** Molecular analysis of adhesion and inflammatory markers in human endothelial cells treated with *Pseudomonas aeruginosa* quorum-sensing signalling molecules  
I. Florin, C. Curutiu, A.M. Holban\* (Bucharest, Romania), E. Andrei, C. Chifiriuc, V. Lazar, L.M. Ditu, A. Constantinescu, H. Maniu
- EV0330** Association between virulence and antimicrobial resistance in *Acinetobacter* spp. clinical isolates  
P. Espinal\* (Barcelona, Spain), A. Pantel, D. Rolo, Y. Smani, X. Vila-Farrés, I. Roca, J. Lavigne, J. Vila
- EV0331** Enterococcal infective endocarditis following periodontal disease in dogs  
T. Semedo-Lemsaddek, M. Tavares, T. Touret, D. Gomes, B. São Braz, L. Tavares, M. Oliveira\* (Lisbon, Portugal)
- EV0332** The influence of female hormones on adherence ability of *Streptococcus pyogenes* strains isolated from cases of invasive puerperal infections  
A. Tomusiak\* (Krakow, Poland), E. Golinska, M. Strus, G. Wiecek, P. Heczko

## EV11

## ePoster Viewing Stations

## ePoster Area

e-POSTER VIEWING:  
Biofilm-related infections

- EV0333** Synergic and antibiofilm effects of *Melampodium divaricatum* L. (Asteraceae) essential oil upon bacteria associated with dental caries  
R.R. Duarte Moreira\* (São Paulo, Brazil), C.H. Perego, T.D.S. Moraes, C.H.G. Martins, G.Z. Martins, L. Salgueiro, C. Cavaleiro
- EV0334** Two-component regulatory systems involved in biofilm formation by *Streptococcus mutans* *in vivo* on injured heart valves  
C. Jung, J. Chia\* (Taipei, Taiwan)
- EV0335** Comparing the effect of hyperpure chlorine-dioxide and conventional endodontic disinfecting agents *in vitro* on *Enterococcus faecalis* intracanal biofilm  
G. Agoston\* (Budapest, Hungary), A. Herczegh, D. Friedreich, Z. Lohinnai, D. Szabo
- EV0336** Biofilm production among methicillin-resistant *Staphylococcus aureus* strains causing urinary tract infection in Tehran, Iran  
F. Rahimi\* (Isfahan, Iran), S. Karimi
- EV0337** Regulatory mechanisms of *Pseudomonas aeruginosa* biofilm formation in patients with diabetic foot syndrome  
A. Machul\* (Krakow, Poland), D. Mikolajczyk, P.B. Heczko, O. Martin, A. Kyzioł, G. Stochel, M. Strus
- EV0338** The effects of antimicrobial peptide LL-37 and its derivative against bacterial biofilm isolated from patients with chronic rhinosinusitis  
S. Kanthawong\* (Khon Kaen, Thailand), S. Thanaviratananich, T. Hanond, Y. Polsan, J.G.M. Bolscher, K. Nazmi, E.C.I. Veerman, S. Wongratanacheewin, S. Taweethaisupamong
- EV0339** Influence of pulse electromagnetic field (PEMF) on biofilm formation of invasive group B streptococci (GBS) on endothelial cell line pilot study  
M. Brzychczy-Wloch, J. Kaszuba-Zwoinska, T. Gosiewski\* (Krakow, Poland), M. Bulanda
- EV0340** Role of the phosphate transport protein PstS in biofilm formation by *Staphylococcus aureus*  
M. Lin\* (Kwei-Shan Tao-Yuan, Taiwan), Y. Chen, J. Du

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- EV0341 Biofilm formation on silicone tubes depends on methicillin-resistant *Staphylococcus aureus* genetic lineage**  
I. Cirkovic\* (Belgrade, Serbia), B. Dragana, M. Pelemis, G. Stevanovic, J. Trajkovic, S. Djukic
- EV0342 Validation of an *in vitro* model of *Stenotrophomonas maltophilia* and *Aspergillus fumigatus* biofilm**  
E. Meloul, J. Bonhomme, S. Luigi, V. Fihman, L. Anais, J. Decusser, G. Jacques, F. Botterel\* (Creteil, France)
- EV0343 Comparison of the effect of negative pressure wound therapy with different available antiseptic dressings on Gram-positive and Gram-negative bacteria in experimental *in vitro* wounds**  
J. Matiassek\* (Vienna, Austria), K. Domig, O. Assadian
- EV0344 Effect of ultrasound and ozonated saline on *Klebsiella pneumoniae***  
Y. Mozgova\* (Kharkiv, Ukraine), V. Myasoedov, M. Myshyna, N. Filimonova, V. Davydenko, N. Davydenko, Y. Myshyn
- EV0345 Slime production and *agr* genes expression in *S. aureus* strains isolated from healthy students in Poland**  
I. Chudzicka-Strugala\* (Poznan, Poland), T.M. Karpinski, A. Sikora, A. Zeidler, A. Szkaradkiewicz
- EV0346 Biofilm production: differences regarding *Candida* species and clinical samples**  
M. Guembe\* (Madrid, Spain), R. Cruces, T. Peláez, P. Muñoz, E. Bouza
- EV0347 Comparison of antibacterial activity of mouthrinses for planktonic and biofilm of *Streptococcus mutans***  
S. Lee\* (Cheonan-si, Korea), D. Baek
- EV0348 A novel approach to treat intraluminal catheter biofilms**  
J. Badiola\* (Rochester, MN, United States), M. Ruiz-Ruigomez, K. Greenwood-Quaintance, M. Karau, M. Campeau, J. Mandrekar, R. Patel
- EV0349 Antimicrobial susceptibility in MBEC™-HTP biofilm model of *Staphylococcus epidermidis* isolated from prosthetic joint infections**  
A. Jakovljevic\* (Trondheim, Norway), K. Løseth, K. Bergh
- EV0350 Biofilm-forming bacteria on the pharyngeal tonsil in a paediatric population**  
J. Rodrigues, L. Reis, A. Vilares, J. Subtil, M.L. Jordao\* (Lisbon, Portugal)

- EV0351 The effect of ampicillin on biofilm created by *Corynebacterium striatum* *in vitro* studies**  
A. Olender\* (Lublin, Poland), T. Piersiak, J. Tatarkiewicz, G. Kalbarczyk

## EV12

## ePoster Viewing Stations

## ePoster Area

**e-POSTER VIEWING:**  
**Changes in the intestinal flora**

- EV0352 *Bifidobacterium longum* bacteraemia in preterm infants receiving probiotics**  
C. Bertelli\* (Lausanne, Switzerland), T. Pillonel, A. Torregrossa, G. Prod'hom, C.J. Fischer, G. Greub, E. Giannoni
- EV0353 Influence of *Bifidobacterium* strains on the expression of virulence and antibioresistance features of different enteric pathogens**  
C. Delcaru\* (Bucharest, Romania), C. Violeta, M.C. Chifiriuc, V. Lazar, C. Bleotu
- EV0354 The therapeutic effect of probiotic bacteria on bacterial gastroenteritis in children's microbiota**  
N. Mandras\* (Turin, Italy), J. Roana, S. Fornasero, D. Scalas, F. Savino, G. Amisano, A.M. Cuffini, V. Tullio
- EV0355 Zinc supplementation study in young children with acute diarrhoea**  
S. Mileva-Mihailova\* (Varna, Bulgaria), M. Gospodinova, V. Stefanova, M. Nenova
- EV0356 The impact of intestinal microbiota on the occurrence of inflammatory bowel disease flare in children and adolescents**  
K. Jermakow, M.M. Biernat\* (Wroclaw, Poland), M. Pajaczowska, G. Gosciniak
- EV0357 Microbial flora in the pancreatic juice of children with chronic pancreatitis**  
A. Szyszkiewicz, K. Dzierzanowska-Fangrat\* (Warsaw, Poland), G. Gracz, E. Romanowska, K. Semczuk, B. Fronc, D. Dzierzanowska



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## EV13

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Clinical ID: antimicrobial clinical trials

- EV0358 Efficacy and safety of 14-membered versus 16-membered macrolides in the treatment of outpatients with exacerbation of chronic rhinosinusitis**  
V. Rafalskiy\* (Smolensk, Russia), O. Skizatova, I. Otvagin
- EV0359 *Staphylococcus aureus* bloodstream infection “complicating factors” do not warrant extended treatment duration**  
A. Kaasch\* (Cologne, Germany), S. Rieg, W. Kern, H. Seifert
- EV0360 Investigating the impact of treatment failure on healthcare resource utilization from the RECLAIM trial**  
R. Lawson\* (Alderley Park, United Kingdom), K. Ryan
- EV0361 Inhaled antibiotics beyond aminoglycosides, polymyxins and aztreonam: a systematic review**  
M.E. Falagas\* (Athens, Greece), K. Trigidis, K. Vardakas
- EV0362 Does early clinical response predict late clinical success in patients with complicated skin and soft tissue infections (cSSTI)? Data from the ESTABLISH clinical trials**  
A. Das\* (San Mateo, CA, United States), G.R. Corey, D. Nathwani, T. Sandison, C. De Anda, P. Prokocimer
- EV0363 An international cluster-randomized cross-over study to compare three decolonization strategies in intensive care patients**  
N.L. Plantinga\* (Utrecht, Netherlands), B. Wittekamp, C. Brun-Buisson, M. Bonten
- EV0364 Fidaxomicin for *Clostridium difficile* infections treatment in real-world: a prospective cohort study in the University Hospital of Lille, France**  
R. Hequette Ruz\* (Lille, France), M. Pichenot, B. Grandbastien, C. Charlet, F. Wallet, F. Loeuillet, B. Guery, T. Galperine
- EV0365 Influence of cytochrome P2B6 on efavirenz dose among HIV-infected Thai patients in a prospective randomized controlled trial: a proof-of-concept study**  
P. Damronglerd\* (Pathumthani, Thailand)
- EV0366 First report of NDM-1 producing *Acinetobacter radioresistens* and *Acinetobacter ursingii* from Brazil**  
J. Campos, M. Pereira, E. Ayub, J. Sampaio\* (São Paulo, Brazil)

## EV14

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Clinical ID: community-acquired infections including CAP, sepsis, STD, ...

- EV0367 Immunity or inflammation – what is primary in predicting of severe community-acquired pneumonia (CAP)?**  
K. Bielosludtseva\* (Dnipropetrovsk, Ukraine), T. Pertseva, T. Kireyeva
- EV0368 Acute abdomen in a patient with infective endocarditis: a case of a mycotic aneurysm of the celiac trunk**  
G.C. Floro\* (Manila, Philippines), G. Merdegia, M.M. Balabagno, A. Cabasa, R. Berba
- EV0369 Frequency and antimicrobial susceptibility of *Ureaplasma urealyticum* and *Mycoplasma hominis* in 4 groups of patients with vaginal discharge over a decade**  
S. Baka, E. Saltaoura, S. Karkatzouli, V. Gennimata, A. Chasiakou, E. Kouskouni\* (Athens, Greece)
- EV0370 Sexually transmitted pathogens in fertile and infertile women undergoing *in vitro* fertilization**  
D. Moragianni, A. Sianou, E. Kouskouni\* (Athens, Greece), R. Kapeta, A. Chasiakou, M. Moragianni, P. Andromidas, G. Galyfos, V. Gennimata, S. Baka
- EV0371 Why is endocarditis a cause of fever of unknown origin? The challenge of diagnosis and treatment**  
A. Despotovic\* (Belgrade, Serbia), G. Stevanovic, M. Pelemis, S. Matic
- EV0372 Aetiological agents of community-acquired pneumonia in hospitalized patients with HIV infection a prospective study**  
C. Figueiredo-Mello\* (São Paulo, Brazil), M.D. Negra, A.S. Levin
- EV0373 Digital artery thrombosis and digital necrosis secondary to group A streptococcal cellulitis**  
D. Harrington\* (London, United Kingdom), D. Moore
- EV0374 *Streptococcus agalactiae* meningitis with skin necrosis and multiorgan failure in an immunocompetent non-pregnant woman: a case report**  
P. Karakosta\* (Heraklion, Greece), A. Keramida, E. Gollosi, G. Alexakis, M. Dimitroulakis, E. Kazakou, O. Kourgeraki

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- EV0375 Spondylodiscitis in geriatric population**  
A.M. Lazo Torres\* (Almeria, Spain), P. Sánchez López, V. Rodríguez Martínez, P.V. Hidalgo Perez, I. Reche Molina, S. Domingo Roa, M. Payán Ortiz, C. Maldonado Ubeda, J. Romero León, I. De Torres Solís
- EV0376 Pneumonia in an internal medicine service**  
P.V. Hidalgo Pérez\* (Almeria, Spain), C. Martínez Mateu, J. Romero León, A.M. Lazo Torres, P. Sánchez López, I. De Torres Solís, M. García Ventura, S. Ferra Murcia
- EV0377 A descriptive meta-analysis of C-reactive protein for distinguishing between aetiology and severity of inflammation**  
L. Ward\* (Aalborg, Denmark), S. Andreassen
- EV0378 Determinants of fever duration in acute pyelonephritis**  
A. Toumi\* (Monastir, Tunisia), A. Aouam, H. Ben Brahim, C. Loussaief, M. Chakroun
- EV0379 Profile of *Aeromonas* bacteraemia at a tertiary care hospital in Japan over an 8-year period: characteristics, outcome, and predictive factors for mortality**  
S. Takenouchi\* (Kamogawa- Chiba, Japan), R. Hase, Y. Otuka, N. Hosokawa
- EV0380 Intramuscular penicillin prophylaxis reduce the incidence of recurrent cellulitis**  
H. Chen\* (Changhua, Taiwan)
- EV0381 A cohort study of the impact of inappropriate antibiotics in patients presenting with septic shock with bacteraemia**  
R. Singh\* (Manipal, India), A. Wadehra, M. Varma, S. Vidyasagar
- EV0382 Severe neurological complications of pyogenic vertebral osteomyelitis: characteristics and analysis of risk factors by case-control study**  
A. Lemaigen\* (Tours, France), G. Gras, I. Ghout, A. Dinh, E. Denes, V. Zarrouk, A. Greder, F. Lescure, D. Boutoille, P. Tattevin, L. Bernard
- EV0383 Retrospective comparison of patients with *Pseudomonas aeruginosa* infective endocarditis (PsIE) to patients with endocarditis (IE) due to other organisms**  
D. Levine\* (Detroit, MI, United States), M. Singh, V. Singh
- EV0384 Trends observed in Legionnaires' disease (LD) in a hospital of Catalonia (Spain) (1983-2014)**  
M.L. Pedro-Botet\* (Badalona, Spain), I. Casas, L. Mateu, N. Sopena, Y. López, J.M. Modol, M. Esteve, L. Llobera, M. García-Nuñez, V. Isernia, M. Sabrià
- EV0385 High variability among emergency departments in 3rd-generation cephalosporins and fluoroquinolones use for community-acquired pneumonia**  
E. Batard\* (Nantes, France), N. Lecadet, N. Goffinet, J. Hardouin, D. Lepelletier, G. Potel, E. Montassier
- EV0386 Peritonitis in peritoneal dialysis: review of 111 episodes**  
A. Escudero-Jiménez\* (Albacete, Spain), M. Martínez-Serrano, G. Martínez-Fernández, A. Ortega-Cerrato, J. Pérez-Martínez, J. Bartolomé-Alvarez, C. Gómez-Roldán, M.D. Crespo-Sánchez
- EV0387 A cohort of 36 streptococcal prosthetic bone and joint infections in adult patients**  
R. Mahieu\* (Angers, France), S. Ansart, C. Arvieux, N. Asseray, L. Bernard, G. Le Moal, P. Abgueguen
- EV0388 Interpreting C-reactive protein (CRP) in infective endocarditis... levels at diagnosis and dynamic changes during treatment**  
J.M. Bravo-Ferrer Acosta\* (La Coruña, Spain), E. Clavero Fernández, L.M. Castelo Corral, A.B. Porto Pérez, D. Sousa Regueiro, E. Míguez Rey, E. Sánchez Vidal, P. Llinares Mondejar
- EV0389 Echinococcosis: a 15-year epidemiological, clinical and outcome overview**  
C. Amado, M. Gutiérrez-Cuadra, C. Armiñanzas\* (Santander, Spain), M. Gómez-Fleitas, M. Fariñas
- EV0390 Biomarker-guided antibacterial therapy in young patients with community-acquired pneumonia from organized groups**  
T. Kondratieva\* (Podolsk, Russia), A.A. Zaytsev
- EV0391 Listeriosis: incidence and risk factors associated with mortality**  
J.A. De Ayala Fernández, J. Galán Ros\* (Albacete, Spain), M.I. García del Valle, A. Del Pozo Pérez, C. Piñero Sáez, I. García Cuartero, M.L. Sánchez Galletero
- EV0392 Follow up of luetic infection in pregnancy and newborns. A retrospective analysis of pregnant population referred to an infectious diseases out-patient department over 7 -year period**  
L.R. Tomasoni\* (Brescia, Italy), P. Ngassom, N. Riccardi, P.F. Giorgetti, L. Urbinati, A. Apostoli, S. Bigoni, P. Rodari, G. Sulis, M. Gulletta, S. Caligaris, A. Matteelli, F. Castelli
- EV0393 Cat-scratch disease in immunocompetent patients**  
J. Rugeles Niño\* (Oviedo, Spain), A. Rodríguez Guardado, M. Rodríguez Pérez, M. Martínez Celada

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**EV0394 Preliminary results of a prospective population-based surveillance of community-acquired pneumonia in adults in three cities of Latin-America**

G.D. Lopardo\* (Buenos Aires, Argentina), D. Fridman, E. Raimondo, H. Bagnulo, H. Albornoz, D. Goleniuk, M. Sanabria, V. Confalonieri, D. Stamboulia

**EV0395 Severe neurological complications of varicella**

C. Oprea\* (Bucharest, Romania), R. Erhan, E. Ungureanu, C. Iordache, I. Ianache, C. Apostol, G. Enache, E. Ceausu

**EV0396 Syphilis reinfection in Bilbao Healthcare Area (Spain)**

P. Liendo\* (Bilbao, Spain), M.J. Sada, A. Santamaria, I. Moreno, B. Santos, R. Cisterna

**EV0397 Would the use of a pathway at triage to identify and treat uncomplicated sepsis, severe sepsis and shock increase admissions from the emergency department?**

M. Saunders, L. Chapman\* (Newcastle upon Tyne, United Kingdom), J. Rathore, R. Raj, E. Nsutebu

**EV0398 Prevalence of sexually transmitted infections among men who have sex with men: a case-control study**

M. Veluscek\* (Ljubljana, Slovenia), M. Maver, T. Vovko, G. Volcansek, B. Pecavar, J. Tomazic

**EV0399 Outpatient antimicrobial therapy (OPAT) for infective endocarditis: a ten-year experience**

A. Vivero\* (Badalona, Spain), N. Sopena, L. Mateu, N. Vallejo, M. Quesada, E. Berastegui, L. Llobera, S. Molinos, M. Pedrotet, A. Cuxart

**EV0400 Evaluation of automated methodology to sow, identify and antibiogramming starting from positive blood culture**

A. Cellini\* (Pievesestina, Italy), M.F. Pedna, N. Tango, V. Sambri

**EV0401 Infective endocarditis after implantation of a pacemaker**

A. Olender\* (Lublin, Poland), A. Polewczyk, A. Kutarski

**EV0402 Immune response to Epstein-Barr virus infection in juvenile population with infectious mononucleosis syndrome**

I. Hadji Petrusheva Meloska\* (Skopje, Macedonia), K. Icev, J. Branko, A. Hadji-Petrusheva Jankijevikj, B. Curcic-Trajkovska

**EV0403 Staphylococcus aureus endocarditis in people who inject drugs – low mortality but increasing incidence**

H. Asgeirsson\* (Stockholm, Sweden), A. Thalme, O. Weiland

**EV0404 Presentation and outcome of pneumococcal meningitis in children under the age of 24 months after introduction of pneumococcal conjugate vaccine**

P. Pagliano\* (Napoli, Italy), V. Attanasio, F. Fraganza, N. Carannante, M. Rossi, T. Ascione, F. Faella

**EV0405 Brain abscess in the twenty-first century: the importance of timing of pus sampling to the likelihood of obtaining positive culture results**

J. Melhorn\* (Cambridgeshire, United Kingdom), P. Kane

**EV15****ePoster Viewing Stations****ePoster Area****e-POSTER VIEWING:****Clinical ID: infection in the immunocompromised host and transplant recipients****EV0406 Gram-negative bacteraemia rates in haemodialysis**

E. Murray, A. Marek\* (Glasgow, United Kingdom), T. Peter, J. Coia

**EV0407 Clostridium difficile infection among hospitalized HIV-infected individuals: the importance of humoral immunity**

S. Di Bella\* (Rome, Italy), A.W. Friedrich, E. García-Almodóvar, M.S. Gallone, F. Taglietti, S. Topino, V. Galati, E. Johnson, S. D'Arezzo, N. Petrosillo

**EV0408 The epidemiology and predictors of bloodstream infection in patients with myeloma in the absence of antibacterial prophylaxis**

B. Teh\* (Melbourne, Australia), L. Worth, S. Harrison, T. Spelman, K. Thursky, M. Slavin

**EV0409 Polyomavirus BK and cytomegalovirus prevalence in renal transplant patients: follow-up and results of the graft**

S. Köse\* (Izmir, Turkey), S. Atalay, Y. Ulu, S.S. Senger

**EV0410 A Japanese single-hospital observational trial with retrospective case-control analysis of varicella zoster virus reactivation after autologous peripheral blood stem cell transplantation**

M. Mawatari\* (Tokyo, Japan), A. Isoda, Y. Miyazawa, M. Sawamura, M. Matsumoto

**EV0411 Oral candidiasis and effectiveness of miconazole treatment in patients receiving radiation for head and neck cancer in University Hospital Centre Split, Croatia**

A. Novak\* (Split, Croatia), M. Jezina Buselic, I. Goic-Barisic, M. Tonkic, Z. Rubic, M. Radic, M. Ognjenovic Mirosevic, S. Prentic-Bakic

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- EV0412 No evidence of occult hepatitis C virus infection among renal transplant candidates**  
A. Eslamifar, A. Ramezani\* (Tehran, Iran), S. Ossareh, M. Banifazl, H. Keyvani, A. Aghakhani
- EV0413 Carbapenem-resistant *E. gergoviae* outbreak among kidney transplant recipients**  
M.P. Freire\* (São Paulo, Brazil), A.P. Cury, F. Spadão, F. De Paula, E. David-Neto, F. Rossi, A.S. Levin, W.C. Nahas, L.C. Pierrotti
- EV0414 *Clostridium difficile* infection in liver transplantation recipients and effect on graft survival: a single-centre analysis**  
S. Chaudhari\* (Philadelphia, PA, United States), S. Jaspal, T. Bias, B. Rogala, G. Malat, D. Lee
- EV0415 Inappropriate empiric therapy and prognosis in haematological malignances patients with bacteraemic Gram-negative septic shock in ICU**  
D. Molano-Franco\* (Bogota, Colombia), L. Muñoz, F. Garzon
- EV0416 Risk factors associated with adverse outcome in recipients of haematopoietic stem cell transplants with febrile neutropenia**  
I. Stoma\* (Minsk, Belarus), I. Karpov, A. Uss, N. Milanovich, S. Vlasenkova
- EV0417 Report of nine years of bloodstream infections in a cohort of 951 patients admitted in a French haematology unit**  
B. Olivero, A. Le Bourgeois\* (Nantes, France), L. Crémet, T. Gastinne, J. Caillon
- EV0418 Is invasive fungal infection still a risk in modern liver transplantation?**  
K. Urbancic\* (Melbourne, Australia), P. Ward, J. Pavlovic, R. Jones, G. Paul, P. Angus, P. Johnson
- EV0419 Bacteraemia caused by extended spectrum beta-lactamase-producing Enterobacteriaceae during the pre-engraftment phase in allogeneic haematopoietic stem cell transplantation recipients is not associated with poor prognosis**  
M. Abe\* (Tokyo, Japan), M. Kimura, H. Araoka, D. Kaji, K. Kageyama, K. Ishiwata, S. Takagi, H. Yamamoto, G. Yamamoto, Y. Asano-Mori, N. Uchida, K. Izutsu, S. Taniguchi, A. Yoneyama
- EV0420 Comparative evaluation of galactomannan detection (GM-antigen) and *Aspergillus* real-time PCR detection with in a cohort of high-risk patients with haematological malignancies**  
G. Vrioni, M. Mavrouli, A. Stavropoulou, C. Tsimis, V. Kapsimali, A. Tsakris\* (Athens, Greece)
- EV0421 Emergence of multidrug-resistant bacteria in respiratory samples collected after lung transplantation**  
C. Geneve\* (Paris, France), G. Tebano, S. Tanaka, M. Desmard, G. Thabut, P. Montravers
- EV0422 Retrospective study on the reasons to use micafungin in lung transplantation patients (REMIT)**  
H. Puigderrajols, C. López, I. Moreno, M. González, A. Parra, C. Maldonado, L. Dono, M. Pérez Carrasco\* (Barcelona, Spain)
- EV0423 Genetic characterization of human cryptosporidia among renal transplant recipients in India**  
U. Ghoshal\* (Lucknow, India), P. Ranjan, R.K. Sharma, U.C. Ghoshal
- EV0424 Free DNA of *Pneumocystis jirovecii* can be misleading in cases of possible PCP although we have high 1-3-beta-D-glucan concentrations in serum**  
D. Stubljär, P. Rogina, B. Soba, M. Skvarc\* (Ljubljana, Slovenia)
- EV0425 Monitoring of cell-mediated immune response through measurement of intracellular ATP (iATP) in CD4+ T-cells predicts the occurrence of cytomegalovirus (CMV) disease after kidney transplantation (KT)**  
M.A. Pérez-Jacoiste Asín, M. Fernández-Ruiz\* (Madrid, Spain), F. López-Medrano, C. Aquilino, T. Ruiz-Merlo, R. San Juan, E. Gutiérrez, E. Paz-Artal, A. Andrés, J.M. Aguado
- EV0426 *Fusarium* spp. clinical isolates in haematopoietic stem cell transplant patients: clinical experience with PET-CT for evaluation of disease extension and duration of therapy**  
M.R. Schirmer\* (Rio de Janeiro, Brazil), M.P. Carneiro, L.M. Souza Neto, L.F. Bouzas, I.A. Muramoto, A.L. Chaves, N.C. De Sousa
- EV0427 The usefulness of serum galactomannan index as an early prognostic factor in children with invasive pulmonary aspergillosis**  
S.B. Han\* (Seoul, Korea), H.S. Kim, S.K. Kim, J.W. Lee, J. Yoon, N. Chung, B. Cho, J.H. Kang, H. Kim, S.A. Im, D. Lee
- EV0428 Significance of serum galactomannan for diagnosing invasive fungal disease in patients after allogeneic haematopoietic stem cell transplantation**  
C. Rieger\* (Munich, Germany), L. Peterson, R. Reibke, D. Lustig, M. Fiegl, H. Ostermann

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**EV0429 KPC-Kp management strategy in haematopoietic transplant patients: a single centre analysis**

S. Corcione\* (Turin, Italy), A. Busca, N. Pagani, C. Dellacasa, U. Vitolo, G. Di Perri, F.G. De Rosa

**EV0430 Aetiology and outcome of pneumonia in HIV-positive patients: a retrospective observational study**

M. Provini, G. Chieffo, M.C. Leoni\* (Pavia, Italy), P. Marone, L. Minoli, A. De Silvestri, M. Annovazzi Lodi, E. Seminari

**EV0431 Genotypic diversity of *Pneumocystis jirovecii* isolates in Italy**

C. Cerva\* (Rome, Italy), R. Alessandra, G. Maffongelli, V. Malagnino, P. Sordillo, N. Cesta, A. Di Veroli, B. Mariotti, A. Venditti, M. Alessia, C. Saltini, M. Andreoni, F. Berrilli, F. Apice, D. Di Cave, L. Sarmati

**EV0432 The influence of antifungal prophylaxis in invasive fungal infections in liver transplantation**

A.T.W. Song, J.N. Almeida Junior, L.B. Mau, M.P. Freire, A.C.T. Proença, P.R. Bonazzi, L. Haddad, L.A.C. D'Albuquerque, E. Abdala\* (São Paulo, Brazil)

**EV0433 Bloodstream infections caused by OXA-48 producing Enterobacteriaceae among patients with haematological malignancies**

B. Loeches, A. Muñoz-Gama, C. De Ramón, B. Díaz-Jordán, M. Romero-Gómez, R. Guillermo, P. Gómez-Prieto, M. Canales-Albendea, J.R. Pano-Pardo\* (Madrid, Spain)

**EV0434 Validation of a new quantitative one-step RT-PCR assay for West Nile Virus detection in transplant patient**

A. Estampes, S. Patanè\* (Puteaux, France), D. Barberis, G. Stefanuto, W. Mahoney

**EV0435 The incidence of *C. difficile* associated diarrhoea in adult haematologic patients in Wrocław University Hospital, Poland**

M.M. Biernat\* (Wrocław, Poland), K. Jermakow, D. Urbaniak-Kujda, M. Pajaczowska, K. Kapelko-Slowik, K. Kuliczowski, T. Wrobel, G. Gosciniak

**EV0436 Bacterial infections in children after liver transplantation**

A. Szyszkiewicz, K. Dzierzanowska-Fangrat\* (Warsaw, Poland), M. Szymczak, K. Semczuk, B. Fronc, D. Dzierzanowska

**EV0437 Rhodococcosis at King Chulalongkorn Memorial Hospital, Thailand: a 12-year experience**

K. Tawinprai\* (Bangkok, Thailand), C. Suankratay

**EV0438 Neutropenic enterocolitis or invasive intestinal aspergillosis?**

A. Chaves, R. Gerivaz, S. Goncalves Leocadio\* (Lisbon, Portugal), A. Tomé, M. Silva, G. Ferreira, A. Botelho de Sousa

**EV0439 The timing and clinical predictors of herpes virus infection in patients with myeloma in the setting of antiviral prophylaxis**

B. Teh\* (Melbourne, Australia), L. Worth, S. Harrison, T. Spelman, K. Thursky, M. Slavin

**EV0440 Bacterial infections of the donor and their influence on liver transplant recipient in a solid organ transplantation department**

A. Geladari\* (Thessaloniki, Greece), A. Katragkou, P. Christoforou, I. Gerogiannis, C. Antachopoulos, V. Papanikolaou, E. Roilides

**EV0441 The role of bronchoalveolar lavage (BAL) in the microbiological diagnosis of pneumonia in patients with haematological malignancies (HM)**

G. Klyasova\* (Moscow, Russia), A. Gracheva, I. Frolova, V. Okhmat, A. Korobova, V. Makhinya

**EV0442 Pathogenic spectrum and clinical manifestations of invasive mould fungal infections in haematological adult patients in Wrocław University Hospital, Poland**

M.M. Biernat\* (Wrocław, Poland), U. Nawrot, D. Urbaniak-Kujda, K. Kapelko-Slowik, K. Włodarczyk, M. Laszkowska, K. Kuliczowski, T. Wrobel, G. Gosciniak

**EV0443 A food-grade bacterium turns virulent: molecular analysis of the first *Staphylococcus condimenti* isolate causing a port catheter infection**

H. Büttner\* (Hamburg, Germany), M. Alawi, M. Christner, M. Wolters, H. Rohde

**EV0444 Performance of serum and bronchoalveolar lavage 1,3 beta-glucan enzyme assays in the diagnosis of invasive aspergillosis in immunocompromised hosts**

M. Vieira Batista\* (São Paulo, Brazil), C. Lima Diogo, C. De Abreu Fonseca, P. Keiko Sato, S. Figueiredo Costa, C. Melo Gamba, S. Vidal Campos, I. Leonardo França Jr, F. Luiz Dulley, G.H. Hencklain Fonseca, M.L. Moretti, M. Aparecida Shikanai-Yasuda



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## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Clinical ID: Lyme borreliosis, toxoplasmosis

- EV0445 Differential diagnosis in Lyme borreliosis the experience of a Romanian Infectious Disease Hospital**  
V.T. Briciu\* (Cluj Napoca, Romania), M. Lupse, M. Flonta, V. Nastase, D. Leucuta, D. Cârstina, D. Tatulescu
- EV0446 Is erythema migrans always caused by *Borrelia burgdorferi*?**  
A. Moniuszko\* (Bialystok, Poland), J. Dunaj, M. Andersson, S. Pancewicz, P. Czupryna, K. Guziejko, M. Kondrusik, S. Grygorczuk, R. Swierzbinska, J. Zajkowska
- EV0447 Lyme borreliosis in Estonian Saaremaa Island**  
Ü. Parm\* (Tartu, Estonia), E. Niitvägi, K. Beljaev, T. Aro, E. Aotäht, K. Raska, J. Epstein, M. Oona, I. Lutsarr
- EV0448 Evaluation of two fully automated assays for the detection of *Toxoplasma* IgM, IgG and IgG avidity: LIAISON® XL DiaSorin and ARCHITECT Abbott**  
E. Candolfi\* (Strasbourg, France), I. Hazan, O. Villard, D. Filisetti, E. Haar
- EV0449 Survey on toxoplasmosis in HIV patients in Moscow**  
D. Goncharov\* (Moscow, Russia)
- EV0450 Clinical and laboratory characteristics of patients with peripheral facial palsy due to *Borrelia burgdorferi sensu lato* infection**  
T. Rojko\* (Ljubljana, Slovenia), P. Bogovic, S. Lotric-Furlan, K. Ogrinc, E. Ruzic-Sabljic, F. Strle
- EV0451 Seroprevalence of *Toxoplasma gondii* infection in kidney and pancreas-kidney transplant recipients and their donors: a single-centre retrospective study**  
D. Dalla Gasperina, M.L. Balsamo, S.D. Garavaglia, J. Testa, A. Rossi, G. Carcano, P.A. Grossi\* (Varese, Italy)

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## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Clinical ID: mycobacterial infections (including diagnosis)

- EV0452 Use of MALDI-TOF mass spectrometry for the identification of mycobacteria in clinical practice**  
M. Mediavilla Gradolph\* (Málaga, Spain), I. De Toro Peinado, M. Bermúdez Ruiz, M. Ortega Torres, N. Montiel Quezel-Guerraz, M.A. Garcla Martinez, B. Palop Borrás
- EV0453 Challenges in effective treatment for patients with nontuberculous mycobacterial lung disease**  
A. Safdar\* (New York, NY, United States)
- EV0454 Utility of low-cost drug assay for drug susceptibility testing in suspected cases of multidrug-resistant (MDR) pulmonary tuberculosis in resource-limited settings**  
S. Kumar Siddappa\* (New Delhi, India), C.P. Baveja, K. Lakshmi, G. Vidyanidhi, M. Hanif, K. Suman, S. Krishna Prakash
- EV0455 Urinary tuberculosis : cohort of 79 adult patients from Turkey**  
M.R. Altıparmak, S. Trabulus, I.I. Balkan\* (Istanbul, Turkey), S.F. Yalin, N. Denizli, G. Aslan, H.E. Doruk, A. Engin, R. Tekin, S. Birengel, B. Durmaz, V. Turhan, A. Mert
- EV0456 Comparisons between clinical characteristics of tuberculous meningitis and non-tuberculous chronic meningitis: a 10-year retrospective study**  
N. Sathaporn\* (Songkhla, Thailand), S. Chusri, P. Sathirapanya
- EV0457 Cavernous pulmonary tuberculosis 14 months after intravesical Bacillus Calmette-Guerin (BCG) therapy in a patient with recurrent bladder cancer**  
S. Huhulescu, S. Hirk\* (Vienna, Austria), A. Indra, A. Bogiatzis, F. Flückiger, G. Wurzing, F. Allerberger
- EV0458 *Mycobacterium tuberculosis* complex, conventional diagnosis methods and PCR Xpert MTB/Rif: what place in a low-prevalence area?**  
N. Benzerdjeb, M. Biendo, C. Andréjak, F. Hamdad\* (Amiens, France)
- EV0459 Tuberculous pleural effusion: a retrospective analysis**  
A. Araújo\* (Aveiro, Portugal), S. Ferreira, N. Gatta, M. Sousa, J.L. Martins, C. Valente, G. Teixeira, B. Pinheiro, L. Rodrigues

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- EV0460 Test repeatability of QuantiFERON-TB gold in-tube assay near cut-off points**  
W. Kwang-Sook\* (Busan, Korea), C. Jae-Lim, K. Bo-Ram, H. Jin-Yeong, K. Jung-Man, K. Kyeong-Hee
- EV0461 Evidence for substantial molecular evolution by distinct processes in *Mycobacterium tuberculosis* during long-term latent infections in humans**  
T. Lillebæk, A. Norman\* (Copenhagen, Denmark), E.M. Rasmussen, R.L. Marvig, D.B. Folkvardsen, A.B. Andersen, L. Jelsbak
- EV0462 A nationwide multicenter survey on staining, culture, identification, and quality control for *Mycobacterium tuberculosis* in the Republic of Korea**  
S.A. Song\* (Busan, Korea), J.H. Shin, S.H. Kim, C. Kim, H. Sung, S. Kim, C. Chang
- EV0463 Four minute *Mycobacterium* spp. sample preparation process for MALDI-TOF identification**  
P. Onigman\* (Reading, United States), G. Smejkal, C. Beckett, S. Kakumanu, B. Skea, J. Laugharn
- EV0464 Extended clinical evaluation of the Abbott RealTime MTB assay for direct detection of *Mycobacterium tuberculosis*-complex in respiratory and non-respiratory samples**  
D. Goldenberger\* (Basel, Switzerland), K. Feuz, S. Turan, A. Berini, V. Hinic, R. Frei
- EV0465 Tuberculosis skin test positivity among healthcare workers**  
M. Dizbay, O. Karasahin, O. Guzel Tunccan\* (Ankara, Turkey), K. Hizel
- EV0466 Evaluation of latency antigens-specific response in term of IFN-gamma production compared with QuantiFERON TB-Gold In tube in a HIV-infected population enrolled before antiretroviral therapy (ART)**  
V. Vanini, E. Petruccioli, T. Chiacchio, G. Cuzzi, C. Pinnetti, A. Sampaioles, A. Antinori, F. Palmieri, D. Goletti\* (Rome, Italy)
- EV0467 Prevalence of non-tuberculous mycobacteria in water from a tertiary hospital in Tenerife, Spain**  
R. Abreu, M. Lecuona\* (La Laguna-Tenerife, Spain), B. Castro, S. Campos, A. Alaoui, M.J. Ramos, C. Rodríguez, A. Arias
- EV0468 BCG infection after bladder cancer treatment 3 clinical reports**  
J. Alves\* (Porto, Portugal), A. Ramos, T. Carvalho, S. Silva, J.T. Guimarães, A. Sarmento
- EV0469 35 years' experience of tuberculous meningitis, a microbiological and clinical study**  
L. Martínez-García\* (Madrid, Spain), M. Bordallo-Cardona, M.J. López-Martínez, I. Corral, J. Fortún, R. Cantón, E. Gómez-Mampaso
- EV0470 Clinical characteristics of patients with a positive molecular test for *Mycobacterium tuberculosis* in rural South Africa**  
R. Peters\* (Johannesburg, South Africa), L. Daum, G. Fischer, B. Fourie
- EV0471 An estimation of MPT64 mutation frequency from *Mycobacterium tuberculosis* in clinical specimens in Korea: single-institute study**  
K. Hong\* (Seoul, Korea), K. Jang, S.H. Kim, S. Shin
- EV0472 Identification of non-tuberculous mycobacteria isolated in Ecuador by sequencing analysis targeting 16S rRNA, *hsp65* and *rpoB* genes**  
P. Barba, D. Ortega-Paredes, N. Espinel, Y. Izurieta, F. Moreno-Piedrahita, J. Zurita\* (Quito, Ecuador)
- EV0473 A conserved molecular mechanism of adaptation on exposure to acidic condition shown by fast growing pathogenic mycobacteria, *Mycobacterium fortuitum***  
S. Sood\* (Solana, India), P. Katoch, R. Shrivastava
- EV0474 Peritoneal tuberculosis in industrialized countries: clinical presentation, diagnosis and outcome in the Lyon University Hospital, France**  
Z. Cavalli, F. Ader, F. Valour, L. Bousset, J. Saison, T. Perpoint, L. Gérard, C. Chidiac, T. Ferry\* (Lyon, France)
- EV0475 Extrapulmonary tuberculosis in Murcia, Spain, 1998-2012**  
L. Lozano García, C. Guerrero, C. Candel, J. Bravo, C. Casañ, A.B. Pérez\* (Murcia, Spain), V. Silva, A. Guarín, R. Blázquez
- EV0476 Generation time based prediction of drug resistance among *Mycobacterium tuberculosis* isolates: observations from India**  
A. Goswami\* (Kolkata, India), T.K. Sabui, N.K. Pal, T. Mahapatra
- EV0477 The association of HIV infection with extrapulmonary tuberculosis (EPTB): a systematic review of observational studies**  
D. Sharma\* (Baltimore, MD, United States), R. Shivakoti, K. Pham
- EV0478 Three year evaluation of xpert MTB/RIF in a low prevalence tuberculosis setting: a Scottish laboratory perspective**  
B. Parcell\* (Aberdeen, United Kingdom), A. Jarchow-MacDonald, L. Seagar, I. Laurenson, M. Lockhart

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## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Clinical ID: paediatric infections

- EV0479 Brainstem auditory evoked potentials in the evaluation of diffuse unspecific brainstem lesion in children**  
V. Voitenkov\* (St. Petersburg, Russia), N. Skripchenko, A. Vilnitz, A. Klimkin
- EV0480 Classic and modern methods for determination aetiology of chronic infectious-inflammatory pulmonary diseases exacerbations in children**  
L. Boronina\* (Ekaterinburg, Russia), E. Samatova
- EV0481 Epidemiology of viral meningitis by enteroviruses in paediatric population in Greece, from January 2008 to September 2014**  
G. Chronopoulou\* (Athens, Greece), G. Kavarnou, E. Katzilierakis, F. Panagopoulou, K. Bourousi, K. Agrafioti
- EV0482 Thrombocytopenia could be a clinical sign of bacteraemia in childhood brucellosis**  
A. Aypak\* (Van, Turkey), C. Aypak, Y. Bayram
- EV0483 Rifampicin-resistant *Mycobacterium bovis* BCG strain isolated from an infant with NEMO mutation**  
C. Cavusoglu\* (Izmir, Turkey), N. Edeer Karaca, E. Azarsiz, E. Ulusoy, N. Kutukculer
- EV0484 The impact of the initial antibiotic treatment to subsequent recurrences in childhood urinary tract infection caused by *Escherichia coli*: beta-lactams vs gentamicin**  
K. Truusalu\* (Tartu, Estonia), I. Vainumäe, J. Stsepetova, I. Smidt, E. Sepp, M. Mikelsaar, S. Kõljalg
- EV0485 Case report: community meningitis in infant caused by *Elisabethkingia meningoseptica***  
A. Tlemsani\* (Algiers, Algeria), S. Kermani, F. Djedjig, S. Bouheraoua, N. Benamrouche, H. Tali-maamar
- EV0486 Is my child going to be blind? What to tell parents about the long-term risks of congenital toxoplasmosis**  
M. Wallon\* (Lyon, France), F. Peyron
- EV0487 Five-year spectrum of microorganisms isolated from paediatric patients in a tertiary hospital in Korea, 2009 – 2013**  
H.S. Lee\* (Jeonju, Korea), J. Lee, S.C. Cho

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## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Culture-based diagnostics

- EV0488 Impact of cerebrospinal fluid Gram staining and pneumococcal antigen detection on antibiotic prescription for bacterial meningitis**  
L. Rodríguez-Rojas\* (Madrid, Spain), L. Beatobe-Carreño, L. Martínez-García, M.I. Morosini, R. Cantón
- EV0489 Diagnosis of streptococcal throat infection in a randomized, controlled study of flurbiprofen lozenge**  
A. Shephard\* (Slough- Berkshire, United Kingdom), T. Shea, G. Smith, B. Schachtel
- EV0490 Evaluation of Martin-Lewis Selective Agar use in sputum routine culture of samples from patients with chronic respiratory disease**  
M.J. Castaño Aroca, A. Hernández-Cabezas\* (Valencia, Spain), J.M. Sahuquillo-Arce, A. Molina de Diego, J.L. López-Hontangas
- EV0491 Blood culture quality: what about the real life? Professional knowledge, facts and strategies of improvement**  
G. Royer\* (Montpellier, France), P. Van de Perre, C. BVH, B. Lamy
- EV0492 Relationship between time to positivity in blood cultures and mortality in patients with bloodstream infection**  
G. Martín-Gutiérrez\* (Seville, Spain), J.A. Lepe, C. Martín-Pérez, A. Gutiérrez-Pizarra, J.M. Cisneros, J. Aznar
- EV0493 Rapid identification and antimicrobial susceptibility testing of bacteria in bloodstream infections using the accelerate id/ast technology**  
C. Price\* (Denver, CO, United States), I. Douglas, E. Tuttle, A. Shorr, M. Mensack, M. Bessesen, S. Metzger
- EV0494 Blood culture practices: urgently needed improvement is more easily achieved with the single sampling strategy**  
G. Royer, A. Meusy, N. Bouzinbi, N. Nagot, P. Van de Perre, C. BVH, B. Lamy\* (Montpellier, France)
- EV0495 The role of Doppler ultrasonography (D-US) in chronic osteomyelitis (COM)**  
F. Baziaka\* (Athens, Greece), V. Sakka, A. Balanika, L. Galani, I. Karaikos, N. Maussas, H. Giamarellou

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**EV0496 Validation of a bead-based method for standardized homogenization of tissue samples**  
*S. Schimanski\* (Bayreuth, Germany), M. Babel, W. Schumann*

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ePoster Viewing Stations

ePoster Area

**e-POSTER VIEWING:****Diagnostic/laboratory methods other than molecular**

**EV0497 Importance of selecting the proper urine cultures protocol: our WASP automation experience in microbiology**  
*V.C. Cristea\* (Chiajna, Romania), G. Neacsu, R. Gilca, A.-M. Uta, R. Negrescu*

**EV0498 Validation of re-entering blood culture vials into the BD BACTEC FX system from another BD BACTEC FX instrument placed outside the laboratory**  
*M.J. Bruins\* (Zwolle, Netherlands), T.M. Israel, M.J.H.M. Wolfhagen*

**EV0499 Revisiting measles IgG seropositivity in the United States; experience with a highly-specific chemiluminescent immunoassay**  
*M.R. Couturier\* (Salt Lake City, UT, United States), R.J. Welch*

**EV0500 Serial application of procalcitonin and pro-adrenomedullin to detect critically septic patients, predict length of stay and outcomes?**  
*M. Lee, I. Ryle, C. Couzens, M. Dryden\* (Winchester & Basingstoke, United Kingdom), M. Inada-Kim, K. Saeed*

**EV0501 Correlation between MALDI-TOF and traditional methods for identification of enteropathogens**  
*C. Ruiz de Alegria Puig\* (Santander, Spain), A. Aguirre Quiñero, M.P. Roiz Mesones, L. Martínez-Martínez*

**EV0502 Development and evaluation of a serological Chikungunya antibody detection assay in tropical outbreak settings**  
*A. Latz\* (Dietzenbach, Germany), J. Voelger, H. Duchmann*

**EV0503 Development of a novel malaria antibody assay utilizing antigens from all 5 human pathogenic *Plasmodium* species**  
*A. Latz\* (Dietzenbach, Germany), T. Kwenti, H. Helmers, J. Völger*

**EV0504 Combined use of the Rosco Rapid CARB screen and modified Hodge test to identify carbapenemase production in Gram-negative bacteria with resistance to carbapenems**  
*H. Morton\* (Birmingham, United Kingdom), N. Reading, N. Ratnaraja*

**EV0505 Evaluation of COPAN thioglycollate broth (THIOL broth)**  
*J. Steenbergen\* (Antwerp, Belgium)*

**EV0506 Joint aspirates – time to positivity - lessons from the routine**  
*I. Burckhardt\* (Heidelberg, Germany), S. Zimmermann*

**EV0507 Performance assessment of the BluePoint MycoID Plus kit for identification of *Mycobacterium tuberculosis*, including rifampin- and isoniazid-resistant isolates, and nontuberculous mycobacteria**  
*P. Hsueh\* (Taipei, Taiwan), J. Chien*

**EV0508 Evaluation of the RIDA®QUICK *Campylobacter* rapid test (R-Biopharm) for the detection of *Campylobacter jejuni* and *Campylobacter coli***  
*M. Kuijstermans, I. Mermans, M. Ieven\* (Antwerp, Belgium)*

**EV0509 Detection of *Campylobacter* in stool: a comparative study between culture and the RIDA®QUICK rapid test**  
*I. De Cuyper\* (Torhout, Belgium), K. Baert*

**EV0510 Development and validation of the Russian version of acute cystitis symptom score - ACSS**  
*J.F. Alidjanov\* (Tashkent, Uzbekistan), A. Pilatz, U.A. Abdufattaev, K.G. Naber, F.M. Wagenlehner*

**EV0511 An analytical evaluation of Parasep® stool concentrators compared to conventional methodologies for ova & parasite faecal concentration**  
*B. Couturier\* (Salt Lake City, UT, United States), N. Arias, K. Case, J. Gowans, E. Gubler, M. Heffron, R. Jensen, M.R. Couturier*

**EV0512 Evaluation of the rapid test MULTISURE HCV ANTIBODY ASSAY (MP Diagnostics) for the confirmation of positive or ambiguous HCV antibodies screening results**  
*M. Oggioni\* (Milan, Italy), R. Frigato, M. Avanzi, D.A.P. Campisi*

**EV0513 Persisting IgM antibodies against *Borrelia burgdorferi sensu lato*: over-interpretation or cross-reactivity?**  
*M. Markowicz\* (Vienna, Austria), G. Stanek*

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- EV0514 API/ID32® identification system: a new database built on 56277 microorganism biochemical profiles**  
L. Nougier\* (La Balme les Grottes, France), F. Allard, B. Celliere, N. Desserrieres, R. Martelin, Y. Bentoumi, A. Van Belkum, G. Durand
- EV0515 *Candida* spp. infections after abdominal urgent surgery: comparative analysis of histologic data for which microbiological results were positive for *Candida* spp.**  
V. Rodolico, G. Gulotta, L. Montana, G. Salamone, D.C. Paola\* (Palermo, Italy)
- EV0516 Group B streptococcal (GBS) bacteriuria in pregnancy. Comparison of four culture media**  
M. Aguilar\* (Barcelona, Spain), E. Dopico, E. Grenzner, M. Martínez, A. Hidalgo, D. Rivodigo
- EV0517 Species identification of clinical *Lactobacillus* isolates by MALDI-TOF mass spectrometry**  
I. Shilnikova\* (Moscow, Russia), N. Dmitrieva
- EV0518 Identification of *Leishmania* strain in Albanian children**  
R. Petrela\* (Tirana, Albania), E. Foto, E. Brahimllari
- EV0519 A new thioglycollate broth (THIOL broth) for the enrichment of clinical specimens**  
L. Conter\* (Brescia, Italy), B. Massetti, R. Botrugno, S. Castriciano
- EV0520 Validation of Copan new FecalSwab device for the preservation of clinical specimens for the detection of enteric pathogens**  
A. Giambra\* (Brescia, Italy), R. Botrugno, L. Navarria, R. Parroni, S. Castriciano
- EV0521 Assessment of *Chlamydia trachomatis*, *Ureaplasma urealyticum* and *Mycoplasma hominis* in complicated urinary tract infections using simple diagnostic methods**  
H. Badawi, A. Abu Aitta\* (Giza, Egypt), M. Omar, A. Ismail, M. El Said, D. Gamal, S. Saad El Dine, M. Ali Saber
- EV0522 Diagnostic values of histology, stool antigen test, urea breath test, rapid urease test and serum antibodies in diagnosis of *Helicobacter pylori* infection**  
A. Farazi, M. Molaeinasab\* (Qom, Iran), M. Jabbariasl
- EV0523 Importance of methodology in detection of methicillin-resistant *Staphylococcus aureus* encoding Panton-Valentine Leukocidin**  
K. Hardy\* (Birmingham, United Kingdom), S. Shabir, A. Normington, B. Pichon, A. Kearns, P. Hawkey, N. Coetze, J. Orendi
- EV0524 Investigation into the misidentification of Hazard Group 3 gastrointestinal pathogens and associated health and safety risks**  
G. Godbole\* (London, United Kingdom), S. Connell, M.A. Chattaway, C. Jenkins, K. Grant, E. De Pinna, D. Powell, M. Zambon
- EV0525 A fully automated immunoassay for the detection of human gastrointestinal infections caused by *Campylobacter* species**  
R. Kopher\* (Stillwater, MN, United States), S. Bergmann, F. Gnemmi, F. Bonelli, J. Wassenberg
- EV0526 Electrochemical detection of pyocyanin as a biomarker for bacterial infections**  
F.A. Alatraktchi\* (Lyngby, Denmark), W. Edith Svendsen, S. Breum Andersen, S. Molin, H. Krogh Johansen
- EV0527 Gram smears image acquisition and integration within WASPlab environment**  
S. Castriciano\* (Brescia, Italy), C. Scaratti, J. Steenbergen, C. Lacchini, A. Bielli, C. Casati, C. Schunck, M. Fiandaca
- EV0528 An evaluation of chromID CARBA for the isolation of carbapenem-resistant *Acinetobacter baumannii***  
P. Zarakolu, K. Day, S. Cummings, C. Lanyon, J. Perry\* (Newcastle upon Tyne, United Kingdom)
- EV0529 FilmArray: rapid identification of microorganisms directly from blood culture bottles inoculated with sterile body fluid specimens**  
O. Altun\* (Stockholm, Sweden), M. Almuhayawi, M. Ullberg, V. Ozenci
- EV0530 Identification of *Streptococcus pneumoniae* in blood culture bottles by FilmArray, BinaxNOW, Wellcogen, Slidex, and Immux prior to positivity in the blood culture system**  
O. Altun\* (Stockholm, Sweden), M. Almuhayawi, S. Athlin, K. Strålin, V. Ozenci, B. Stammler Jaliff
- EV0531 A rapid automated filtration & deposition method for direct identification from spiked positive blood culture using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS)**  
P. Broyer\* (Grenoble, France), N. Perrot, M.H. Charles, E. Yvard, H. Rostaing, J. Blaze, F. Pinston
- EV0532 Assessing the antibiotic effect with a simple, rapid and reliable quantification assay for counting clinically relevant strains with a CASY® Coulter counter**  
E.B. Goebgen\* (Berlin, Germany), S.G. Wicha, C. Kloft



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- EV0533 FebriDx: the ability of a 10-minute rapid point-of-care immunoassay to reduce antibiotic prescriptions for acute febrile respiratory infection**  
*R. Sambursky\* (Sarasota, FL, United States), N. Shapiro*
- EV0534 Prevalence of bacteria and fungi in samples of cornea preservation fluid**  
*G. Broniek, M. Sybilska, J. Szaflik, J.P. Szaflik, M. Wroblewska\* (Warsaw, Poland)*
- EV0535 WaspLab™ urine validation study : comparison between 16 and 24 hours of incubation**  
*A. Bielli\* (Milan, Italy), C. Lacchini, C. Vismar, G. Lombardi, M.C. Sironi, G. Gesu*
- EV0536 Seroprevalence study of *Leishmania infantum* among renal transplanted recipients**  
*A. Sampedro Martínez\* (Granada, Spain), C. Liébana Martos, A. Lara Oya, C. Riazio Damas, J. Rodríguez Granger, A. Ahmad, E.K. Elmahallawy, J.M. Navarro Mari*
- EV0537 Evaluation of Sigma Transwab® in Liquid Amies transport medium for *Neisseria gonorrhoeae* culture**  
*E. Graveling\* (Kirkcaldy, United Kingdom), I. Banerjee, H. Venkatesh*
- EV0538 A case-control study of Lyme borreliosis serology in clinically documented sera**  
*B. Meijer\* (Groningen, Netherlands), A. Brandenburg, A. Van Dam, T. Souilljee, J. Schellekens*
- EV0539 Rapid label-free identification of pathogens with optical elastic scattering**  
*P.R. Marcoux\* (Grenoble, France), J. Méteau, V. Genuer, E. Schultz*
- EV0540 Noninvasive bacteria detection based on the trapping of volatile metabolites**  
*P.R. Marcoux\* (Grenoble, France), M. Vrignaud, I. Texier-Nogues, P.L. Joly, J. Hue, Z. Buniazet*
- EV0541 The effect of genital region cleansing wipe use before sampling on urine culture contamination rates**  
*M.B. Selek\* (Istanbul, Turkey), B. Bektöre, U. Karakas, T. Kula Atik, O. Baylan, M. Ozyurt*
- EV0542 Evaluation of different selective chromogenic media for recovery and identification of *Staphylococcus aureus*, including small colony variants, in specimens of patients with cystic fibrosis**  
*T. Laurent\* (Liege, Belgium), F. Neuville, P. Gavage, J. Senterre, J. Minon*
- EV0543 Detection of *Bordetella pertussis* toxin IgG and IgA antibodies in human serum/plasma with the new fully automated assays for LIAISON® analyser family**  
*B. Grassi\* (Saluggia, Italy), F. Capuano, M. Gagliardi, L. Pallavicini, M. Calleri*
- EV0544 Evaluation of the new SHIGA TOXIN QUIK CHEK membrane enzyme immunoassay for the direct detection of STEC in stool specimens and enrichment broth**  
*R. Schwarz, A. Veldenzer, M. Holfelder, U. Eigner\* (Heidelberg, Germany)*
- EV0545 Interpretation of discrepant syphilis results: chronological comparison between automated Architect Syphilis TP and manual Serodia-TP &bull;PA**  
*P. Bittel\* (Berne, Switzerland), D. Mayor, F. Suter-Riniker*
- EV0546 Evaluation of rapid diagnostic test for group A streptococcal antigen detection**  
*K. Bosacka\* (Warsaw, Poland), E. Stefaniuk, T. Mazurczak-Pluta, M. Fortuna, W. Hryniewicz*
- EV0547 Enhanced diagnosis of Lyme neuroborreliosis by CXCL13 cytokine determination in CSF**  
*B. Kraemer\* (Neuried, Germany), I. Koch, S. Schinzel, G. Goettner, A. Herr, O. Boecher, E. Soutschek*
- EV0548 Early diagnosis of acute toxoplasmosis in IgG-negative IgM-positive pregnant women**  
*V. Meroni\* (Pavia, Italy), P. Lanzarini, M. Chiaretto, M. Prestia, F. Genco*
- EV0549 Features of local immunity with candidiasis of the oral mucosa in frequently ill children**  
*M. Plotnikova\* (Orel, Russia), I. Snimschikova*
- EV0550 Influence of transport delay on the performance of the eSwab collection and transport system**  
*A. Messiaen\* (Ghent, Belgium), J. Delanghe, H. De Beenhouwer, K. Van Vaerenbergh, A. Boel*
- EV0551 Consistency of CLIA method and Immunoblot method**  
*B. Hamáková\* (Kocí, Czech Republic)*
- EV0552 Geenius HIV-1/2 confirmatory test - discriminatory performance in samples weakly positive in screening assay for HIV**  
*K. Olsson\* (Växjö, Sweden), O. Ekelund, B. Löfgren*

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- EV0553** Comparison of the Carba NP test and Rapid CARB Screen kit for the phenotypic detection of carbapenemases in Enterobacteriaceae and *Pseudomonas aeruginosa*  
B. Haldorsen\* (Tromsø, Norway), A. Sundsfjord, O. Samuelsen
- EV0554** New electronic version of POLMICRO, the Polish national EQA scheme: benefits and limitations  
E. Mlodzinska, K. Bosacka\* (Warsaw, Poland), E. Stefaniuk, M. Fortuna, W. Hryniewicz
- EV0555** Prospective multicentre comparison of three chromogenic agars for methicillin-resistant *Staphylococcus aureus* screening in hospitalized patients  
M. Dodémont\* (Brussels, Belgium), C. Verhulst, C. Nonhoff, C. Nagant, O. Denis, J. Kluytmans
- EV0556** Diagnosis of enterohaemorrhagic *Escherichia coli* (EHEC) infections: contribution of the new test LIAISON® EHEC toxins  
P. Mariani-Kurkdjian\* (Paris, France), L. Sandrine, A. Andry, B. Philippe, J. Christelle, B. Stephane
- EV0557** Identification of *Clostridium difficile* by orbitrap TM mass spectrometry proteomics techniques: how to eliminate potential spores contamination  
M. Fang\* (London, United Kingdom), T. Gaulton, E. Rodriguezsuarez, H. Shah
- EV0558** Comparison of 2 chromogenic media with a molecular assay, for detection of recto-vaginal carriage of group B streptococci in pregnant women  
K. Flore\* (Brugge, Belgium), L. Deplae, E. Nulens
- EV0559** Gut colonization with carbapenem-resistant organisms containing OXA-48 in spinal injuries unit; screening of faeces and urine samples  
M. Wootton\* (Cardiff, United Kingdom), B. Mather, L. Donovan, S. Kolli, E. Davies, R. Howe
- EV0560** MALDI-TOF mass spectrometry for identification of oral *Prevotella* species  
I. Harju\* (Turku, Finland), M. Gürsoy, E. Könönen
- EV0561** Usefulness of studying leukocytes in microbiological diagnosis of bacterial diarrhoea  
B. Plata\* (Majadahonda, Spain), M. Guerrero Vadillo, R. Martínez Ruiz, M.F. Portero Azorín
- EV0562** Radiological findings in neurobrucellosis  
H. Erdem, S. Senbayrak\* (Istanbul, Turkey), M. Kaan, M. Karahocagil, H. Karsen, S. Kaya, S. Inal, A. Pekok, S. Deniz, M. Ulug, T. Demirdal, G. Sengoz, R. Tekin, D. Ozturk-Engin, M. Celen, T. Guven, E. Parlak, S. Ates-Guler, O. Sipahi, F. Sirmatel
- EV0563** Evaluation of efficiency of immunochromatographic card test to detect *Campylobacter* in stools of patients with acute gastroenteritis  
A. Sezer, I. Baran, I. Mumcuoglu, Y. Gurkan, M.A. Yetkin\* (Ankara, Turkey), N. Aksu, A. Aksoy
- EV0564** Application of recombinant A2-ELISA and its comparison with rKE16 dipstick and direct agglutination tests for diagnosis of visceral leishmaniasis in dogs in Meshkinshahr, north-western Iran  
M. Farahmand\* (Tehran, Iran), H. Nahrevanian, V. Khalaj, M. Mohebbali, G. Khalili, S. Naderi
- EV0565** Serodiagnosis of syphilis: chemiluminescent microparticle immunoassay screening  
A. Escudero-Jimenez\* (Albacete, Spain), J.J. Blas-Señalada, S. Lorente-Ortuño, M.D. Crespo-Sánchez
- EV0566** Analytical and clinical evaluation of three automated *Toxoplasma* IgG and IgM assays  
J. Wils\* (Bonheiden, Belgium), J. Frans, B. Van Meensel, I. De Maeyer, M. Cauchie, A. Smismans
- EV0567** Novel optical rapid diagnostics tool of urinary tract infections and Gram-status differentiation  
D.V. Regelman\* (Kibbutz Ellon, Israel), J. De la Zerd, I. Regev, Y. Geffen
- EV0568** Serum and alveolar IgA and IgG2 levels may help to predict ventilator-associated pneumonia outcome  
M. Gordon, C. Lopez, J. Bermejo, C. Amparo, E. Villarreal, P. Ramirez\* (Valencia, Spain)
- EV0569** Combination of beta-lacta test and MALDI-TOF MS identification directly from positive blood cultures to guide effective antibiotic treatment of septic patients  
A. Lázár\* (Szeged, Hungary), M. Abrók, E. Urbán
- EV0570** Diagnostic accuracy of rapid antigen detection tests for respiratory syncytial virus infection: a meta-analysis  
C. Chartrand, N. Tremblay, C. Renaud, J. Papenburg\* (Montreal, Canada)
- EV0571** Recombinant antigens for multiplex detection of serologically relevant antibodies against tick-borne pathogens  
C. Konrad\* (Freiburg, Germany), M. Mehlmann, P. Hafner, A. Neiningner
- EV0572** Evaluation of the matrix-assisted laser desorption ionization-time of flight mass spectrometry system for identification of the *Pseudomonas putida* group  
M. Yamamoto\* (Kyoto, Japan), Y. Matsumura, M. Nagao, M. Tanaka, S. Takakura, S. Ichiyama

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**EV0573 Diagnostic performance of the next generation Platelia™ *Candida* Ab II assay detecting antibodies against a novel *Candida hyphae* protein**

J. Held\* (Erlangen, Germany), S. Damiens, S. Féararé, E. Denaux, M. Tabouret, A. Busse Grawitz

**EV0574 Comparison of two commercial screening methods and three immunoblots for the detection of Lyme borreliosis antibodies**

L. Florin\* (Aalst, Belgium), T. Troch

**EV0575 Comparison of diagnostic tests in brucellosis: a prospective study**

B. Uysal, O. Yildiz, T. Demir\* (Kirsehir, Turkey)

**EV0576 Rapid identification and susceptibility testing using the VITEK-2 system using culture fluids from positive blood cultures**

T. Demir\* (Kirsehir, Turkey), B. Ozdemir

**EV0577 Identification of complex species of *Acinetobacter* using MALDI-TOF mass spectrometry: is it possible?**

A. Martins\* (Porto Alegre, Brazil), L. Rocha, J. Sampaio, A. Barth

**EV0578 The value of adenosine deaminase activity determination in neutrophilic and lymphocytic exudative pleural effusion for the diagnosis of complicated parapneumonic effusion, lymphoid malignancy and tuberculosis**

H. Flick\* (Graz, Austria), N. John, P. Schmidt, R. Raggam, I. Zollner-Schwetz, M. Palfner, O. Schindler, M. Meilinger, T. Valentin, J. Wagner, R. Krause, H. Olschweski, M. Hoenig

**EV0579 Isolation time of different bacteria on tracheal aspirate cultures: more rapid methods are needed**

C. Bulut\* (Ankara, Turkey), M. Yücel, Z. Kocak Tufan, A. Adiloglu

**EV0580 When and how to process diarrhoeic stools for *Clostridium difficile* infections diagnosis?**

A.B. Pérez\* (Murcia, Spain), C. Candel, C. Guerrero, L. Lozano, V. Silva, A. Guarín, R. Blázquez

**EV0581 Evaluation of LIAISON® CMV IgG avidity II in comparison with Bio-rad Platelia™ CMV IgG avidity: establishment of CMV IgG avidity assay reference method**

T. Berge\* (Oslo, Norway), G. Drønen, H. Rollag

**EV0582 Rapid identification of bacteria from positive blood culture bottles by MALDI-TOF MS following short-term culture on solid medium**

O. Altun, S. Botero-Kleiven, S. Carlsson, M. Ullberg, V. Ozenci\* (Stockholm, Sweden)

**EV0583 Comparative evaluation of two novel automated adenovirus and rotavirus assays for human stool specimens**

K. Kamereck, C. Hintze\* (Poing, Germany), G. Haase

**EV0584 Phenotypic detection of *P. aeruginosa* producing carbapenemases**

M. Luminita\* (Cluj - Napoca, Romania), P. Stanca Lucia, J. Monica Lia

## EV21

### ePoster Viewing Stations

### ePoster Area

#### e-POSTER VIEWING:

#### Emerging infectious diseases

**EV0585 Detection of *Rickettsia massiliae*-Bar29 and *Rickettsia conorii* in sera and ticks collected from foxes in Catalonia**

A. Ortuño\* (Barcelona, Spain), M.M. Nogueras, I. Pons, J. Castellà, S. López-Claessens, I. Sanfeliu, E. Anton, F. Segura

**EV0586 Broth microdilution susceptibility testing and species identification of the clinical isolates of *Nocardia* in Iran**

A. Hashemi Shahraki\* (Tehran, Iran), P. Heidarieh, M. Hashemzadeh

**EV0587 *Elizabethkingia meningoseptica* empyema in a renal transplant recipient**

I.D. Khan\* (Kolkata, India)

**EV0588 Rapid epidemiological risk mapping of patterns of *Leishmania donovani* infections in Eastern Sudan**

A.H. Sharief\* (Khartoum, Sudan), E.A. Khalil, S.A. Omer

**EV0589 Crimean Congo haemorrhagic fever from the perspective of front-line health workers**

N. Tulek\* (Ankara, Turkey), C. Bulut, G. Tuncer Ertem, C. Ataman Hatipoglu, F.S. Erdinc, S. Kinikli, P. Demiroz

**EV0590 Immunity to diphtheria of adult population in Lithuania**

N. Kupreviciene\* (Vilnius, Lithuania), A. Griskevicius, V. Lipnickiene, K. Zagminas

**EV0591 Is there any relationship between the increase of *Vibrio alginolyticus* isolation and the climate change?**

P. Aznar-Marin, F. Galan-Sanchez\* (Cadiz, Spain), P. Marin-Casanova, T. Trujillo-Soto, A.M. Garcia-Tapia, C. Fernandez-Gutierrez, M. Rodriguez-Iglesias

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- EV0592 Unusual presentations of *Y. enterocolitica* sepsis, which were rapidly identified by MALDI-TOF method**  
K.P. Sárvári\* (Szeged, Hungary), I. Zsarkó, M. Pappné Ábrók, A. Lázár, A. Pálvölgyi, E. Urbán
- EV0593 First report of infection due to *Dysgonomonas* spp. in Latin America**  
M. Alves, A. Martins\* (Porto Alegre, Brazil), L. Rocha, J. Ferreira, E. Lammerhit, A. Barth, J. Sampaio
- EV0594 Frequency and susceptibility testing of *Neisseria gonorrhoeae* strains isolated from urethral samples in a tertiary hospital in Greece during January 2009 – September 2014**  
M. Kamperogianni, L.P. Drosopoulou, M. Orfanidou\* (Athens, Greece), C. Merzioti, G. Ganteris, E. Vagiakou
- EV0595 Isolation, genetic characterization and seroprevalence of newly discovered sandfly-borne phleboviruses in Turkey**  
C. Alkan, S. Alwassouf, G. Piorkowski, L. Bichaud, S. Tezcan, E. Dincer, K. Ergunay, Y. Ozbil, B. Alten, X. De Lamballerie, R. Charrel\* (Marseille, France)
- EV0596 Risk factors for febrile respiratory illness due to viral infections in a military setting: a case-control study**  
V.J. Pang\* (Singapore, Singapore), J. Jin, J.P. Loh, B.H. Tan, W.H.V. Koh, S.H. Ng, M. Ho, Q. Gao, A.R. Cook, L.Y. Hsu, V. Lee, M.I.C. Chen
- EV0597 Dengue in Brazil: reflections about the largest epidemic in the world and impact of the reduction of mortality**  
D. Morandim\* (Ribeirão Preto, Brazil), G. Rossi, A. R-Viso
- EV0598 Reptile-exotic-pet-associated-salmonellosis a public health problem?**  
W. Rabsch\* (Wernigerode, Germany), M. Pees, R. Prager, A. Fruth
- EV0599 Ebola information for the public: an assessment of suitability and readability of information available through US, UK, Canadian and European public health agencies**  
E. Castro-Sánchez\* (London, United Kingdom), E. Spanoudakis, A. Holmes
- EV0600 Is vector borne zoonoses emerging in Aegean region?**  
H. Gazi, N. Ozkutuk, T. Ecemis\* (Manisa, Turkey), G. Atasoylu, G. Koroglu, S. Kurutepe, G.D. Horasan
- EV0601 *Legionella maceachernii* a case report indicating the impact of real-time PCR for *Legionella* species in a front-line syndromic molecular testing algorithm in intensive care**  
J. Kenicer\* (Edinburgh, United Kingdom), R. Weir, K.E. Templeton, H. Austin, J. Stevenson, E.S. Wilson, D.S. Lindsay, I.F. Laurenson
- EV0602 Zoonotic transmission of a toxigenic *Corynebacterium ulcerans* strain identified by next generation sequencing**  
A. Sing\* (Oberschleissheim, Germany), D. Meinel, K. Regina, C. König, T. Schmidt-Wieland, H. Blum, S. Krebs, G. Margos
- EV0603 Fatal *Saprochaete capitata* fungaemia in an intensive care unit patient without malignancy**  
S. Pelit\* (Istanbul, Turkey), M. Kapmaz, E. Yeniaras, G. Yaman
- EV0604 Need for diagnostic assays for management of vaginal discharge syndrome in trichomoniasis**  
S.C. Sonkar\* (Delhi, India), V. Sharma, K. Wasnik, A. Kumar, P. Mittal, M. Bhardwaj, D. Saluja
- EV0605 A disease control strategy to overcome Old World cutaneous leishmaniasis outbreaks**  
W. Alsalem\* (Liverpool, United Kingdom), A. Acosta-Serrano
- EV0606 Imported Chikungunya cases in Spain from Caribbean and Central America countries from June to September 2014**  
A. Anton\* (Barcelona, Spain), L. Gimferrer, M.G. Codina, L. Franco, J. Esperalba, N. Serre, F. Salvador, M.C. Martin, F. Fuentes, T. Pumarola, E. Sulleiro
- EV0607 Distribution and antibiotic resistance of *Chryseobacterium indologenes* isolated at the Cinical University Hospital Virgen de la Arrixaca, Murcia, Spain**  
M. Roig Cardells\* (Murcia, Spain), G. Yagüe Guirao, J. Segura Basail, M. Simón Páez, C. Salvador García, A. Blázquez Abellán, M.J. Muñoz Dávila, P.R. Paredes Reyes, M.C. Martínez Toldos, M. Segovia Hernández
- EV0608 Sexually transmitted infections in Greenland: a register based study from 1990-2012**  
M. Johansen\* (Copenhagen, Denmark), J. Wohlfahrt, A. Koch, B. Søborg
- EV0609 Screening brucellosis in reproductive aged female farmworkers by Rose Bengal test in south-eastern Anatolia region of Turkey**  
N. Yentur Doni\* (Sanliurfa, Turkey), G. Gurses, Z. Simsek, F. Yildiz Zeyrek

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**EV0610 Severe infections due to hypervirulent *Klebsiella pneumoniae* serotype K1 in Romania**  
D. Florea, D. Tanase\* (Bucharest, Romania),  
O. Dorobat, A. Rafila, D. Otelea, D. Talapan,  
G.A. Popescu

**EV0611 New suggestion on severity criteria for Crimean Congo haemorrhagic fever**  
I. Hasanoglu, R. Guner, A. Carhan, Z. Kocak  
Tufan, T. Guven, G.R. Yilmaz, D. Yagci Caglayik,  
M.A. Tasyaran\* (Ankara, Turkey)

## EV22

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Epidemiology of drug-resistant Gram-positive pathogens

**EV0612 Ceftaroline activity against *Staphylococcus aureus* isolates collected from European Union (EU) member states in 2013**  
J. Ambler, D. Biedenbach, D. Sahm, E. Reiszner\*  
(Waltham, MA, United States)

**EV0613 A cross-sectional study determining the genetic characteristics of methicillin-susceptible *Staphylococcus aureus* strains isolated from patients in the Pretoria region, South Africa**  
M. Potgieter\* (Pretoria, South Africa), M.M. Kock,  
R. Lekalakala, F. Ismail, M.M. Ehlers

**EV0614 Results of epidemiology survey of invasive and non-invasive streptococcal group A infections**  
A. Martynova\* (Vladivostok, Russia), L. Balabanova,  
O. Chulakova

**EV0615 Mercury resistance (*merA*) among *Enterococcus* from children with various levels of exposure to heavy metals in Spain**  
A. Sánchez - Valenzuela, C. Novais, M. Rodriguez-Baños, J. Delgado-Blas, A.S. Tedim, A. Ripoll,  
E. Morales, J. Sunyer, M.J. López-Espinosa, S. Llop,  
F. Ballester, A. Moreno-Bofarull, L. Peixe, T. Coque\*  
(Madrid, Spain), F. Baquero, I. Consortium

**EV0616 Susceptibility of human *Rhodococcus equi* isolates to 27 antimicrobials**  
J. Navas\* (Santander, Spain), L. Pilares,  
C. Ruiz de Alegría, L. Martínez-Martínez

**EV0617 Emergence of vancomycin-resistant enterococci in the Clinical Centre University of Pécs, Hungary**  
S. Melegh\* (Pécs, Hungary), A. Nyul, K. Kovács,  
T. Gám, B. Patkó, B. Berta, V. Lesinszki, J. Pászti,  
A. Tóth, G. Mestyán

**EV0618 Whole genome sequencing of linezolid-resistant *Enterococcus faecium* isolates from Danish patients**  
V. Vorobieva\* (Copenhagen, Denmark), H. Hasman,  
D. Hansen

**EV0619 Linezolid-resistant *Staphylococcus* over 5 years (2009-2013)**  
L. Valiente de Santis, M. Mediavilla Gradolph\*  
(Málaga, Spain), I. De Toro Peinado, I. Rivera Cabeo,  
J. Mora Ordoñez, P. Gallardo Jimenez, B. Palop Borrás,  
J.M. Reguera Iglesias, J.D.D. Colmenero Castillo

## EV23

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Epidemiology of nosocomial infections

**EV0620 Epidemiology, risk factors and prognostic factors for multidrug-resistant *Acinetobacter baumannii* bacteraemia: a case control study in a tertiary hospital of western China**  
Q. Liu, Y. Xie\* (Chengdu- Sichuan, China), C. Tao

**EV0621 Protective effect of probiotics on necrotizing enterocolitis, sepsis and mortality in preterm infants: a retrospective, multicentre analysis of more than 10,000 VLBW infants**  
L.A. Denkel\* (Berlin, Germany), F. Schwab, C. Geffers,  
P. Gastmeier, L. Garten, B. Piening

**EV0622 Healthcare-associated infections by linezolid-resistant *Staphylococcus epidermidis* without previous treatment (2010-2014)**  
M.J. Zamora López\* (Pontevedra, Spain), R. Tato Rodríguez, J. Martínez López, D.M. Guzmán Figueroa,  
P.M. Alvarez García, M.V. Pulán Morais, M. García Campello

**EV0623 Risk factors for deep surgical site infections after open radical cystectomy: analysis of 189 patients**  
M. Wolters, F.C. Bange, I.F. Chaberny, B. Lutze,  
M. Oelke, M.A. Kuczyk, M. Weingart, K. Graf\* (Hanover, Germany)

**EV0624 Prevalence and impact of reported beta-lactam allergy in inpatients seen by infectious diseases consultants at three academic teaching hospitals**  
D. MacFadden\* (Toronto, Canada), W. Gold,  
I. Al-Busaidi, J. Craif, D. Petrescu, I. Saltzman,  
L. Palmay, J. Campbell, E. Weber, N. Daneman, J. Leis



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- EV0626 MRSA persistent carriage and evidence of cross transmission in a neonatal intensive care unit in Cape Verde**  
C. Coelho, T. Conceição, I. Santos Silva, H. De Lencastre, M. Aires-de-Sousa\* (Oeiras, Portugal)
- EV0627 Are we under-reporting ventilator-associated pneumonia in critical care?**  
M. Heginbotham\* (Cardiff, United Kingdom), C. Thomas, W. Harrison, R. Howe
- EV0628 Epidemiology and risk factors for methicillin-resistant *Staphylococcus aureus*, vancomycin-resistant *Enterococcus*, and carbapenem-resistant *Enterobacteriaceae* in acute-care hospital and affiliated intermediate- and long-term care-facility**  
A. Chow\* (Singapore, Singapore), K. Kanagasabai, K. Phua, N.N. Win, M.K. Win, H. Ho, P.Y. Hon, J.W. Lim, J. Chia, D. Lye, K. Marimuthu, P. Krishnan, I. Leong, L.Y. Hsu, B. Ang
- EV0629 Prognostic and risk factors in hospitalized cirrhotic patients with infections: a descriptive study**  
F. Carrión García\* (Murcia, Spain), R. Baños Madrid, J. Gómez Gómez, L. Strobosch Conesa, E. García Vázquez
- EV0630 Prognosis of bacteraemia in hospitalized patients with liver cirrhosis: a descriptive study**  
F. Carrión García\* (Murcia, Spain), R. Baños Madrid, E. García Vázquez, J. Gómez Gómez, L. Strobosch Conesa
- EV0631 Clinical characteristics of hospital-acquired fever in an oriental medical hospital**  
S. Moon\* (Seoul, Korea), K. Park, M.S. Lee, J.S. Son
- EV0632 Carbapenemase-producing *Enterobacteriaceae* (CPE): a 2-year snapshot in a hospital in Iasi, Romania**  
S.D. Braun\* (Jena, Germany), O.S. Dorneanu, T. Vremera, S. Monecke, R. Ehrlich
- EV0633 Infectious diseases day hospital, a one-year experience**  
L. Llobera Rius\* (Badalona, Spain), L. Mateu Pruñanosa, V. Isernia, M. Puertas Calvero, J.M. Mòdol Deltell, A. Carreres Molas, S.L. Miquel, M.L. Pedro-Botet Montoya
- EV0634 Can infection, originating from the colonized urinary bladder, be avoided in spinal-injury patients by treating the colonization based on urine culture prior to urological intervention?**  
M. Schousboe\* (Christchurch, New Zealand), S. Hawkins, J. Creighton, A. Wildbore
- EV0635 Prevalence of herpes viruses among patients with oncological diseases**  
D. Ermolenko, A. Zakrevskaya, K. Ermolenko\* (St.Petersburg, Russia), L. Kulyashova
- EV0636 Virulence factors and antibiotic resistance in *Enterococcus faecalis* and *Enterococcus faecium* strains isolated from patients hospitalized in the University Hospitals in Białystok, Poland**  
A. Sienko\* (Białystok, Poland), P. Wiecek, P. Majewski, P. Sacha, A. Wiecek, K. Kaczynska, E. Tryniszewska
- EV0637 UTI-related bacteraemia due to *Enterococcus faecalis*: a retrospective case-control study of potential risk factors**  
K.G. Hansen, F.B. Hertz\* (Hvidovre, Denmark), S.C. Rasmussen, N. Frimodt-Møller
- EV0638 First description of a fatal outbreak in a neonatal intensive care unit (NICU) caused by the MRSA paediatric clone (ST5-IVa), a minor clone in Portugal**  
N.A. Faria\* (Oeiras, Portugal), M. Miragaia, E. Botelho-Moniz, M.J. Espinar, S. Pissarra, C. Alves, M.M. Ribeiro, H. De Lencastre
- EV0639 Bacteria causing nosocomial pneumonia, a multicentre study in the Czech Republic**  
M. Htoutou Sedlakova\* (Olomouc, Czech Republic), V. Pudova, M. Kolar, V. Hanulík, R. Uvizi, T. Herkel, T. Gabrhelík, M. Adamus, P. Cermak, R. Zazula, T. Rezac, P. Stastný, A. Rara, P. Paterova, Z. Turek, M. Hanslianova, A. Sevcikova, J. Stasek, J. Malaska, P. Sevcik
- EV0640 Profile of ventilator-associated pneumonia due to *Acinetobacter* species: a case-control study in a tertiary care hospital in southern India**  
M. Gupta\* (Manipal, India), K. Lakhina, A. Kamath, V. K E, C. Mukhopadhyay, S. Vidyasagar, M. Varma
- EV0641 Senior healthcare workers have higher seroprevalence and lower seroresponse to vaccination than fresh employees, reflecting the risk of rapid occupational exposure**  
Y. Li\* (Chaughua City, Taiwan), C. Liu, Y. Liu, C. Chang, H. Lai, I. Hii, Y. Cheng, S. Syu
- EV0642 *Clostridium difficile* colonization in solid organ transplant recipients: a prospective study**  
S. Gomez\* (Madrid, Spain), J. Origüen, N. Polanco, A. García-Sesma, F. Jaén, T. Ruiz, C. Lumbreras, F. Chaves, M.A. Orellana

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- EV0643 Clinical and epidemiological features of severe *C. difficile*-associated diarrhoea in St. Petersburg, Russia**  
T. Potapova, K. Ermolenko\* (St. Petersburg, Russia), V. Hutkina, A. Yakovlev
- EV0644 *Acinetobacter baumannii* in the air: an investigation into outbreaks of carbapenem-resistant *Acinetobacter baumannii* in an intensive care unit and a subsequent respiratory care ward**  
Y. Li\* (Changhua city, Taiwan), C. Chang, C. Liu, I. Hou, Y. Lin
- EV0645 Potentially pathogenic bacteria in nasogastric feeding tubes of neonates – an observational study**  
S. Meinich Petersen\* (Copenhagen, Denmark), G. Greisen, K. Angeliki Krogfelt
- EV0646 Antibiotic (AB) prescription quality in urinary tract infections (UTIs)**  
M.I. Fullana Barceló, H.H. Vilchez Rueda\* (Palma de Mallorca, Spain), J. Serra Esteban, M. Almodovar Garcia, J. Murillas Angoit, M. Riera Jaume
- EV0647 Epidemiology of fungaemia by yeast in a tertiary hospital over a five-year period**  
B. Orden\* (Majadahonda, Spain), B. Plata, E. Cantero, M. Guerrero, L. Jimenez
- EV0648 Cohort study of *Clostridium difficile* infection outcomes in Tayside, Scotland using routine data**  
C. Marwick, J. Coats\* (Dundee, United Kingdom), M. Gilpin, M. Lockhart, D. Nathwani
- EV0649 *Acinetobacter* spp. are associated with a higher mortality in intensive care patients with bacteraemia**  
A. Carralas Queiroz de Leao\* (São Paulo, Brazil), A.S. Levin, P. Rossi Menezes
- EV0650 Universal decolonization with chlorhexidine 2% in critical ill patients: an efficient strategy in multidrug-resistant Gram-negative bacteria**  
J.C. Delgado Correal\* (Rio De Janeiro, Brazil), D. Ribeiro, M. Amaral, M. Scalón, C. Weber, A. Proença, E. Castro
- EV0651 Epidemiological and molecular characterization of the hospital-associated outbreak with vancomycin-resistant enterococci circulated in the Copenhagen area during 2013-2014 for one single hospital**  
V. Vorobieva\* (Copenhagen, Denmark), T. Havnø, Frandsen, L. Percival Andersen
- EV0652 An outbreak of 19 cases of *Serratia marcescens* meningitis after spinal anaesthesia**  
M. Yousfi\* (Boufarik, Algeria), A. Abdellah, K. Saighi, F. Madi, L. Hadjali, A. Meftah, N. Aitkaci, F. Mechtoub, A. Baba Ami, A. Lassas
- EV0653 Treatment practice and outcome of healthcare-associated pneumonia in an infectious diseases department in Hungary**  
A. Mathe\* (Budapest, Hungary), E. Ludwig
- EV0654 Risk factors for mortality in patients with *Stenotrophomonas maltophilia* bacteraemia**  
Y.D. Jeon\* (Seoul, Korea), I.Y. Jeong, J.H. Kim, H.W. Ann, J.Y. Ahn, N.S. Ku, S.H. Han, C.D. Kim, J.Y. Choi, Y.G. Song, J.M. Kim
- EV0655 Intestinal colonization with toxin-producing *Klebsiella oxytoca* in patients treated with penicillin derivatives: a rare event?**  
G.H. Groeneveld\* (Leiden, Netherlands), S. Luxemburg, J.T. Van Dissel, E.J. Kuijper
- EV0656 Colonization and infection of multidrug-resistant *Acinetobacter baumannii***  
C. Salvador Garcia\* (Murcia, Spain), G. Yagüe, A. Blázquez, C. García-Palenciano, E. Andreu, M. Roig, J. Segura, M. Simón, M. Segovia
- EV0657 Candidaemia in the era of carbapenem-resistant bacteria: changing of the trend in a tertiary care hospital**  
A. Bedini, C. Puzzolante, M. Codeluppi, C. Venturelli, E. Franceschini\* (Modena, Italy), M. Menozzi, S. Zona, M. Meschiari, C. Giovanardi, C. Lazzaretti, M. Vecchia, A. Santoro, F. Rumpianesi, C. Mussini
- EV0658 Risk factors for nosocomial infections with multidrug-resistant organisms (MDRO) in an infectious diseases intensive care unit**  
M. Lupse\* (Cluj-Napoca, Romania), M. Flonta, L. Herbel, A. Petrovan, A. Binder, V. Pascu, N. Todor
- EV0659 Prognosis of nosocomial bloodstream infections in neurosurgery: a single-centre analysis**  
P. Tsitsopoulos, E. Iosifidis, C. Antachopoulos\* (Thessaloniki, Greece), G. Papaevangelou, E. Kyriazidis, D. Anestis, K. Karantani, A. Karyoti, C. Tsionidis, E. Roilides
- EV0660 Occurrence of *Clostridium difficile* PCR-ribotype 027-associated disease in Serbia**  
M. Jovanovic\* (Belgrade, Serbia), M. Rupnik, M. Drakulovic, T. Tosic, S. Jovanovic, B. Stosovic, Z. Stojanovic Varagic, M. Korac, I. Milosevic, S. Janezic

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- EV0661** *Candida* bloodstream infections in a district general hospital: a study from the UK  
C. Twum-Barima\* (London, United Kingdom), N. Raja
- EV0662** Incidence and risk factors for vancomycin-resistant *Enterococcus faecium* bacteraemia in an intensive care unit: a case-control study  
Z. Hajje\* (Tunis, Tunisia), M. Daiki, S. Elasl, M. Ben Moussa, M. Ferjani
- EV0663** Use of concomitant systemic antibiotics during treatment for *Clostridium difficile* infection (CDI)  
S. Benea\* (Bucharest, Romania), I. Crismaru, G.A. Popescu, A. Rafila, D. Florea, A. Hristea, R. Jipa
- EV0664** Incidence and risk factors for cytomegalovirus infection in nonimmunocompromised patients in the intensive care unit  
H. Naija, S. Elasl, Z. Hajje\* (Tunis, Tunisia), M. Daiki, M. Ben Moussa, I. Labbene, M. Ferjani
- EV0665** Clinical and microbiological characteristics of patients with infections of cerebrospinal fluid diversion devices  
M.T. Pérez-Rodríguez\* (Vigo, Spain), A. Soto Peleteiro, A. Martínez-Vidal, R. Lorenzo Castro, A. Nodar, R. Martínez Rolan, C. Conde Alonso, A. Rivera, M. Alverez Fernández
- EV0666** Typing of *Klebsiella pneumoniae* isolates from two neonatal intensive-care units reveals repeated transmissions in micro-clusters  
J. Liese\* (Tübingen, Germany), A. Kirste, M. Maschal, C. Gille
- EV0667** Effects of oral care with chlorhexidine in mechanically ventilated patients: a pilot intervention study  
P. Barbadoro\* (Ancona, Italy), A. Donati, R. Panichi, D. Illuminati, E. Ponzio, S. Sparabombe, M.M. D'errico, P. Pelaia, E. Prospero
- EV0668** Outbreak of vancomycin-resistant *Enterococcus faecium* in a teaching hospital  
T. Triglav\* (Ljubljana, Slovenia), M. Pirs, R. Kofol, J. Tomazic, M. Logar, T. Lejko Zupanc
- EV0669** Improving infection control in a hospital by implementing microbiological surveillance of multidrug-resistant (MDR) *Klebsiella pneumoniae* and *Escherichia coli*: a pilot study  
N.K. Stock\* (Prague, Czech Republic), V. Vanis, G. Kapounova, P. Vopalkova, Z. Zemanova, J. Kubele, V. Jindrak
- EV0670** Implementation and outcome of an antimicrobial stewardship programme at a community hospital in Greece  
P. Kanellopoulos, A. Dravalia, V. Pitiriga\* (Attiki, Greece), C. Karamanou, E. Campos, G. Panagiotakopoulos, G. Saroglou, A. Tsakris
- EV0671** Risk factors and outcome of carbapenem-resistant *Pseudomonas aeruginosa* infection in Trnava University Hospital, Slovakia  
L. Michalikova\* (Trnava, Slovakia), J. Brnova, A. Streharova, N. Kulkova, V. Krcmery
- EV0672** Prevalence of infections in patients treated with medicinal leeches: a 4-year experience at the hand surgery unit of the University Hospital of Modena, Italy  
A. Bedini, A. Russomando, C. Gagliano, C. Puzzolante, E. Franceschini, G. Orlando\* (Modena, Italy), L. Garagnani, C. Mussini, A. Landi
- EV0673** Carbapenemase-producing Enterobacteriaceae in adults at a tertiary hospital at Lisbon  
D. Pires\* (Lisbon, Portugal), A. Zagalo, C. Santos, F. Cota de Madeiros, L. Lito, J. Melo Cristino, L. Caldeira
- EV0674** Clustering of *Serratia marcescens* infections during six years: tip of the iceberg  
A. Ulu-Kilic\* (Kayseri, Turkey), E. Alp, T. Orhan, F. Cevahir, S. Ersoy, D. Altun
- EV24**
- 
- ePoster Viewing Stations** **ePoster Area**
- 
- e-POSTER VIEWING:**  
**Immunology, host defences, immunotherapy**
- EV0675** *In vitro* gastrointestinal model to study tolerance of encapsulated and non-encapsulated *Latobacillus* spp. strains to pH variation and gastric enzymes  
S. Agudo Pena\* (Poznan, Poland), K. Goderska, J. Nowak
- EV0676** *Leishmania donovani*: an *in vitro* study of antimony-resistant amphotericin B-sensitive isolates  
A.H. Sharief\* (Khartoum, Sudan), E.A. Khalil, S.A. Omer
- EV0677** Microencapsulation of *Bifidobacterium bifidum* DSM strains by calcium alginate-gelatinized starch to evaluate its survival in simulated human gastro-intestinal condition  
S. Agudo Pena\* (Poznan, Poland), K. Goderska, J. Nowak

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**EV0678 Commensal bacteria change induced T regulatory cell profiles dendritic cells (DCs) modulation**

M. Wiese\* (Bydgoszcz, Poland), A. Eljaszewicz, A. Helmin-Basa, I. Motyl, J. Wieczynska, L. Gackowska, I. Kubiszewska, J. Michalkiewicz, K. Dzierzanowska-Fangrat

**EV0679 Hypoxia and hyperthermia in combination influence the immune response of human dendritic cells against *Aspergillus fumigatus***

A. Semmlinger\* (Würzburg, Germany), M. Fliesser, H. Einsele, J. Löffler

**EV0680 Occurrence of antibodies against influenza H1N1 A/Weiss/43 and A/FM/47 strains in an elderly vaccinated cohort in Spain**

I. Sanz, S. Rojo, J.M. Eiros, T. Vega, S. Tamames, R. Ortiz de Lejarazu\* (Valladolid, Spain)

**EV0681 Pneumococcal vaccination rates in patients treated with corticosteroids and/or immunosuppressive therapies for systemic inflammatory diseases: a cross-sectional study**

M. Assala\* (Paris, France), P. Blanche, M. Groh, C. Vinter, P. Cohen, V. Le Guern, X. Puéchal, L. Mouthon, C. Le Jeunne, O. Launay, S. Kernéis

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**ePoster Viewing Stations**

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**e-POSTER VIEWING:  
Infection control issues**

**EV0682 Contact investigation using T-SPOT to evaluate exposure to extensively multidrug-resistant tuberculosis**

A. Ukimura\* (Takatsuki, Japan)

**EV0683 The risk factors among surgical intensive care unit admitted patients with vancomycin-resistant enterococci carriage**

J.Y. Park\* (Busan, Korea), J.Y. Lee, Y.M. Cho

**EV0684 Surveillance of invasive bacterial diseases in the Czech Republic a baseline for the vaccination strategy in the country**

P. Krizova\* (Prague, Czech Republic), J. Kozakova, V. Lebedova, H. Sebestova

**EV0685 Sternum and rib osteomyelitis: an unusual complication of breast implant infection**

P. Seng\* (Marseille, France), A. Alliez, E. Honnorat, D. Casanova, A. Stein

**EV0686 Evaluation of the tuberculosis control programme in Sistan**

A. Sargazi\* (Zabol, Iran), Z. Sepehri, P.K. Nadakkavukaran Jim, A. Sargazi, F. Sepehri, M. Afshari, Z. Kiani, K. Keshavarz, A. Sargazi

**EV0687 Assessment of the association between HIV/AIDS and multidrug-resistant tuberculosis: a systemic review with meta-analysis**

Y.M. Mesfin\* (East Harerge, Ethiopia)

**EV0688 A French version of a questionnaire for measuring the intention to perform standard IPC precautions among healthcare workers: a pilot study**

S. Buffet-Bataillon\* (Rennes, France), E. Michinov, A. Constant, T. Lavigne, V. Merle, D. Lepelletier, P. Astagneau

**EV0689 A retrospective cohort study to describe the incidence of central venous catheter-related bloodstream infection and identification of associated risk factors in a group of children**

H. Dunn\* (London, United Kingdom), C. Norton, B. Azadian, E. Demertzi, E. Castro-Sanchez

**EV0690 Peripheral intra-venous catheter: point prevalence and prospective study of complications**

B. Chazan\* (Afula, Israel), M. Omri, H. Edelstein, R. Raz

**EV0691 Carbapenemase-producing Enterobacteriaceae (CPE) in a liver transplant (LT) centre: strategies of infection control at AO Papa Giovanni, Bergamo, Italy**

A. Raglio\* (Bergamo, Italy), F. Averara, G. Gaffuri, A. Tebaldi, M. Rizzi, M. Colledan, G. Marchesi, C. Farina, C. Rivoltella, S. Cesa, S. Fagioli, L. Chiappa

**EV0692 Microstructured surfaces promising antibacterial activity are not effective in hospital environments**

W. Kunz, T. Wuske, W. Solbach, J.K. Knobloch\* (Lübeck, Germany)

**EV0693 Hand's transmission efficiency of nosocomial clinical isolates: a finger-to-finger transmission model**

L. Martínez García\* (Madrid, Spain), J.D.D. Caballero, A.M. Sánchez-Díaz, B. Romero, F. Baquero, R. Cantón, R. Del Campo

**EV0694 Reducing blood culture contamination rates by improving basic hygiene in a Dutch hospital**

A.B. Moen\* (Breda, Netherlands), R.N. Idema, D. Arens, J.A. Kluytmans

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- EV0695 Results of a one-year admission screening for multidrug-resistant Enterobacteriaceae in St.Gallen, Switzerland**  
E. Lemmenmeier\* (St.Gallen, Switzerland), D. Flury, B. Mani, M. Schlegel
- EV0696 Impact of infectious diseases specialist surveillance in patients with bacteraemia outcome**  
M.E. Hernandez Contreras\* (Murcia, Spain), E. Garcia Vazquez, A. Hernandez Torres, J. Ruiz Gomez, M. Canteras Jordana, J. Gomez Gomez
- EV0697 Efficacy in ambulances of HyperDRYMist® micro-nebulized hydrogen peroxide solution in reducing bacterial contamination**  
C. Garzoni\* (Lugano, Switzerland), F. Villa, S. Regazzoni, A. Motti
- EV0698 Acute infectious diarrhoeas in Georgia**  
E. Vashakidze\* (Tbilisi, Georgia), T. Megrelishvili, E. Pashkoria, L. Tevzadze
- EV0699 Chlorhexidine and octenidine bathing for methicillin-resistant *Staphylococcus aureus* does not lead to development of resistance**  
B. Ang\* (Singapore, Singapore), T. See, B.F. Poh, P.Y. Hon, J.Q. Kum, T.P. Lim, P. Krishnan, A. Chow
- EV0700 Multidisciplinary investigation of an outbreak caused by methicillin-resistant *Staphylococcus aureus* (MRSA) in a medical ICU 2013/2014, Prague, Czech Republic**  
N.K. Stock\* (Prague, Czech Republic), P. Petras, O. Melter, J. Tkadlec, E. Bukackova, I. Machova, G. Kapounova, P. Vopalkova, J. Kubele, V. Vanis, V. Jindrak
- EV0701 Functional impairment of CMV-reactive cellular immunity during pregnancy**  
E. Reuschel, S. Barabas, H. Bendfeldt\* (Regensburg, Germany), L. Deml, B. Seelbach-Göbel
- EV0702 Factors affecting immunization timeliness in Malaysia**  
A.I. Awadh\* (Kuantan- Pahang, Malaysia), M.A. Hassali, O.Q. Al-Iela, S.H. Bux, R.M. Elkalimi, H. Hadi
- EV0703 Combining simple strategies to reduce blood culture contamination**  
M. Gonzalez Sanz\* (London, United Kingdom), J. Heaphy, P. Weaving, G. Satta
- EV0704 Predictive factors for occupational exposures among healthcare workers in a developing country**  
Z. Ture, A. Ulu Kilic\* (Kayseri, Turkey), F. Cevahir, E. Ozhan, D. Altun, E. Alp
- EV0705 Blood and body fluid exposures at a tertiary care medical centre in Lebanon: facts and attitudes**  
R. Alameddine, T. Nawar, S. Kanj\* (Beirut, Lebanon), Z. Kanafani
- EV0706 Impact of a multimodal strategy targeted at MRSA bacteraemia in a highly endemic country**  
E. Tartari\* (Msida, Malta), M. Borg
- EV0707 Chlorine dioxide effectively reduces infective *Clostridium difficile* spores on inoculated glass surfaces**  
T. Noren\* (Örebro, Sweden)
- EV0708 Description of an outbreak of extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* in a secondary university-affiliated hospital in Murcia**  
A.B. Pérez\* (Murcia, Spain), R. Blázquez, P. Palazón, C. Casañ, C. Salvador, L. Lozano, L. Del Río
- EV0709 From lab to reality experience from testing a new laundry detergent for chemical disinfection at low temperature**  
M.V.W. Kofoed, L.B. Friis-Holm, C.K. Rickers, B. Kristensen, E.T. Jensen\* (Copenhagen, Denmark)
- EV0710 Water faucets as a source of *Pseudomonas aeruginosa* infection and colonization in ICU patients**  
R. Cohen\* (Netanya, Israel), F. Babushkin, Z. Shimoni, A. Adler, S. Paikin
- EV0711 Analysis of the startup of a rationalization and optimization antimicrobial programme (PROA) on a tertiary referral hospital**  
V. Portillo\* (Burgos, Spain), C. Dueñas, D.M. Garcia, A.M. Machin, M. Mantecón, M. Del Valle, E. Briones
- EV26**
- ePoster Viewing Stations** **ePoster Area**
- e-POSTER VIEWING:**  
**International health, tropical and travel-associated diseases, and parasitology**
- EV0712 Seropositivity of anti-*Toxocara canis* IgG in fibromyalgia patients in Turkey**  
M.B. Selek\* (Istanbul, Turkey), O. Baylan, A. Carli, M. Ozyurt
- EV0713 Seroprevalence of human immunodeficiency virus (HIV), malaria and Dengue fever in a rural area of Cameroon**  
A. Gutierrez, R. Garcia, E. Ntsama, C. Parra-Fariñas\* (Barcelona, Spain), M. Fariñas, C. Fariñas-Alvarez



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- EV0714 Strongyloides stercoralis hyperinfection at King Chulalongkorn Memorial Hospital, Thailand: a 10-year experience**  
P. Mahaparn\* (Bangkok, Thailand), C. Suankratay, P. Siriysatien
- EV0715 Diffuse cutaneous leishmaniasis mimicking mycosis fungoides. A report from Iran**  
V.K. Perikala\* (Shiraz, Iran)
- EV0716 Evaluation of the co-agglutination test in diagnosis of experimental microsporidiosis**  
M. Gaafar\* (Alexandria, Egypt)
- EV0717 Clinical and epidemiological characteristics of imported malaria in Spain**  
C. Menendez, A. Garcia, E. Garcia, D. Caravia, A. Martinez, J. Fernandez, J. Boga, M. Rodriguez, A. Rodriguez-Guardado\* (Oviedo, Spain)
- EV0718 Adherence of Spanish travellers to prevention measures associated with international travel**  
E. Garcia, A. Martinez, D. Caravia, A. Garcia, C. Menendez, R. Saiz, M. Rodriguez, J. Boga, A. Rodriguez-Guardado\* (Oviedo, Spain)
- EV0719 A case reports of Dengue myocarditis, a very rare cardiac complication in Dengue infection of traveller at Bangkok Samui Hospital, Thailand**  
T. Narkwiboonwong\* (Samui, Thailand)
- EV0720 HIV-infected patients and *Giardia lamblia* genotype B, are they born to each other?**  
C. Pérez Faria\* (Coimbra, Portugal), G. Zanini, S. Da Silva, G. Silva Dias, M.D.C. Sousa
- EV0721 Rapid diagnosis of Dengue outbreaks in resource-limited facilities**  
I.D. Khan\* (Kolkata, India), A.K. Sahni
- EV0722 The effectiveness of infectious disease screening programmes for migrants in Europe**  
S. Hargreaves\* (London, United Kingdom), F. Seedat, J. Ouyang, J. Eliahoo, J.S. Friedland
- EV0723 Cardiac cystic echinococcosis: report of four cases**  
S. Dogan Kaya\* (Istanbul, Turkey), O. Altas, S.M. Yilmaz, S. Sabit, O. Yerlikhan, H. Saçli, G. Canan, B. Kaya, E.A. Altinay, K. Kirali
- EV0724 A study on prevalence of trichomoniasis among 18-48 year-old women in Ardabil, Iran**  
M.T. Ahady\* (Ardabil, Iran), N. Safavi, A. Jafari, Z. Mohammadi, S. Abed, S. Pourasgar
- EV0725 Colchicine and propranolol inhibitory effect of *Toxoplasma gondii* entrance into host cells in vitro and in vivo**  
F. Rezaei\* (Sari, Iran)
- EV0726 Intestinal parasites should be considered in HIV/AIDS cases**  
Y.A. Oner\* (Istanbul, Turkey), T. Yildirmak, S. Sepetcioglu, S. Altiparmak, K. Atalik, H. Kirkoyun Uysal, O. Akgul
- EV0727 Prevalence of placental malaria and low birth weight in the Blue Nile State, Sudan**  
S.A. Omer\* (Khartoum, Sudan)
- EV0728 Molecular identification of intestinal parasites in children in Zanzibar reveals a high prevalence of *Giardia intestinalis* assemblage B**  
J. Forsell\* (Umea, Sweden), M. Granlund, L. Samuelsson, B. Evengård
- EV0729 Hepatic amoebic abscess in Portugal – a rare extra-intestinal presentation with poor medical treatment response**  
R. Gonçalves, J. Cortez\* (Coimbra, Portugal), T. Couto, C. Júlio, C. Valente, A. Vieira
- EV0730 A case of visceral leishmaniasis in an English traveller**  
K. Fleming\* (Gillingham, United Kingdom), M. Hardman, A. Eden, D. Lockwood
- EV0731 Prevalence of intestinal parasites among patients with gastrointestinal complains in Lithuania**  
J. Ziliukienė\* (Vilnius, Lithuania)
- EV0732 Seroprevalence of anti-*Leishmania infantum* antibodies among the main reservoirs of infantile kala-azar in Chaharmahal va Bakhtiari province of Iran using direct agglutination test**  
K. Manouchehri Naeini\* (Shahr-Ekord, Iran), M.D. Qasemi, S. Kheiri, M. Mohebbi
- EV0733 A case of disseminated strongyloidiasis**  
T. Staub-Schmidt\* (Luxembourg, Luxembourg), C. Michaux, C. Tsobo, F. Schumacher, V. Arendt
- EV0734 Patterns of behaviour in immigrants to temporarily return to their places of origin in respect of preventive measures related to international travel**  
A. Martinez, E. Garcia, C. Menendez, A. Garcia, R. Saiz, D. Caravia, J. Boga, M. Rodriguez, J. Fernandez, A. Rodriguez-Guardado\* (Oviedo, Spain)
- EV0735 Is agent of cutaneous *Leishmania* (CL) in Sanliurfa, Turkey changing? Where anthroponotic CL is highly endemic**  
G. Gurses, F. Yildiz Zeyrek\* (Sanliurfa, Turkey), N. Yentur Doni, I.H. Kilic, M. Ozaslan

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- EV0736 Retrospective PCR-based species identification of *Leishmania* in two patients with visceral leishmaniasis in Serbia**  
Z. Dakic\* (Belgrade, Serbia), H.V. Nielsen, M. Pavlovic, G. Stevanovic, L. Lavadinovic, B. Milosevic, M. Pelemis, O. Dulovic, A. Uroevic, S. Jovanovic, C.R. Stensvold
- EV0737 Imported schistosomiasis cases in Scottish travellers, 2007–2013**  
L. Cottom, K. Smith, B. Jones, L. Connelly, E. Anderson, C. Alexander\* (Glasgow, United Kingdom)
- EV0738 Prevalence of *Toxoplasma gondii* antibody and oocyst shedding in stray cats in Khorramabad, western Iran (IR)**  
M. Fallah\* (Hamadan, Iran), S. Bajelan, A. Maghsood, A. Zamani
- EV0739 Bioassay and animal study of *Toxoplasma gondii* infection in free-range and caged commercial chickens and turkeys in Hamadan, western Iran**  
M. Fallah\* (Hamadan, Iran), M. Hamzekhani, A. Maghsood
- EV0740 Intestinal schistosomiasis caused by *Schistosoma intercalatum* in a cohort of patients from Equatorial Guinea**  
A. Rodriguez-Guardado\* (Oviedo, Spain), B. Alonso, J. Fernandez, F. Perez, M. Rodriguez, G. Rojo
- EV0741 Correlation of *Giardia duodenalis* assemblages with clinical and epidemiological data in Turkish children**  
Z.G. Sonmez Tamer\* (Kocaeli, Turkey), M. Kasap, D.K. Er, B. Pektas
- EV0742 Severe imported malaria in a Portuguese ICU: review of 90 cases**  
N. Rocha Pereira, L. Santos\* (Porto, Portugal), A. Sarmento
- EV0743 Ascariasis: an 8-year experience at King Chulalongkorn Memorial Hospital, Thailand**  
S. Pleumkanitkul\* (Bangkok, Thailand), S. Nuchprayoon, C. Suankratay
- EV0744 Assessments of both the prevalence of head lice (*Pediculus capitis*) infestation and parents' attitudes towards its management: a school-based epidemiological study in Istanbul, Turkey**  
O. Kurt\* (Istanbul, Turkey), I. Timur, E. Acma, D. Simsekli, B. Gülerman
- EV0745 A retrospective analysis of cases of cystic echinococcosis in a Latvian population**  
S. Laivacuma\* (Riga, Latvia), L. Viksna, A. Ivanovs
- EV0746 Serum procalcitonin and arterial blood lactate levels as predictors of severity in vivax and falciparum malaria**  
S. Deshmukh\* (Bangalorekarnataka, India), V.B. Singh, R.V. Aravind
- EV0747 *P. vivax* malaria causing subconjunctival haemorrhage: case report**  
S. Deshmukh\* (Bangalorekarnataka, India), V.B. Singh, B.L. Meena
- EV0748 Transversal study about the incidence of malaria in an extra-Amazonian province in Brazil, between 2010 to 2013**  
M. Antonio Neves Noronha\* (Belem, Brazil), D. Santos Rocha Sobral Filho, F. Vanessa Carvalho Sousa Esteves, A. Marcellino Tavares da Silva
- EV0749 Dicrocoeliasis with signs of chronic diarrhoea in a child**  
Z.G. Sonmez Tamer\* (Kocaeli, Turkey), S. Oncel
- EV0750 Diagnosis and treatment options in multi-visceral hydatidosis and rare localization**  
G.L. Popa\* (Bucharest, Romania), M.I. Popa, A.C. Popa, I. Tanase, C.M. Cretu
- EV0751 Is it necessary to analyze multiple stool specimens by PCR to achieve a correct parasitological diagnosis? Results for *Dientamoeba fragilis***  
J. Fernandez-Suarez\* (Oviedo, Spain), A. Rodriguez-Guardado, J.A. Boga, M.E. Fernandez-Fernandez, O. Martinez, C. Rodriguez-Lucas
- EV0752 Cross-sectional study about the incidence of Dengue in Brazil between 2010 to 2012**  
M.A. Neves Noronha\* (Belem- PA, Brazil), D. Santos Rocha Sobral Filho, G.A. Gonçalves Veloso Filho, C. Philippe Salha, H. Ferreira de Castro Filho, T. Buaiz Pereira Martins, L. Arrais Chaves Nascimento, J.P. Araújo Alves Silva, F. Alves Vieira de Sá Júnior, A. Marcellino Tavares da Silva
- EV0753 A case of gastrointestinal myiasis caused by *Psychoda albipennis***  
H. Bayrak, T. Demir\* (Mersin, Turkey), C. Babur, S. Unlu
- EV0754 Pulmonary hydatid cysts multicentre study in Turkey**  
S. Dogan Kaya\* (Istanbul, Turkey), T. Erdal, S.M. Yilmaz, B. Arman, S.B. Kutlu, C. Dudu, N.A. Yalçin, O. Tasçi
- EV0755 Single versus combined antibiotic therapy for uncomplicated typhoid fever: a randomized controlled trial**  
A. Neuberger\* (Haifa, Israel), N. Zmora, S. Shresta, Y. Paran, M. Paul, E. Schwartz

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**EV0756 Trends in travel-related admissions to a UK regional infectious diseases unit over 30 years**  
*J. Meiring\* (Sheffield, United Kingdom), T. De Silva, S. Green*

**EV0757 Seroprevalence of hantavirus infection among swine farmers and the general population in rural Taiwan: a cross-sectional study**  
*J. Lee\* (Yunlin, Taiwan), L. Huang*

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## ePoster Area

## e-POSTER VIEWING:

## Methods for antibacterial susceptibility testing

**EV0758 Rapid antimicrobial susceptibility testing evaluation of the time-lapse 3D scanning microscope, ocelloscope**  
*M. Fredborg\* (Tjele, Denmark), F.S. Rosenvinge, M. Wang, S. Ellermann-Eriksen, T.E. Sondergaard*

**EV0759 Detection of OXA-48-producing Enterobacteriaceae by MALDI-TOF with temocillin as a diagnostic marker**  
*M. Oviaño García\* (La Coruña, Spain), M.J. Barba Miramontes, B. Fernández Pérez, J. Oteo Iglesias, J. Campos Marqués, S. Van de Velde, G. Bou*

**EV0760 A microscope fluorescence assay for rapid determination of resistance to quinolones in Gram-negative bacteria**  
*R. Santiso Brandariz\* (La Coruña, Spain), M. Tamayo Novás, F. Otero Fariña, G. Bou Arévalo, J. Gosálvez Berenguer, J.L. Fernández García*

**EV0761 Rapid method for detection of resistance to carbapenems in life-threatening Gram-negative bacteria**  
*F. Otero Fariña\* (La Coruña, Spain), M. Tamayo Novás, R. Santiso Brandariz, G. Bou Arevalo, J. Gosálvez Berenguer, J.L. Fernández García*

**EV0762 Comparison of Sensititre™ YeastONE susceptibility MIC plate and Vitek 2 microbial AST testing system for antifungal susceptibility testing**  
*E. Scopes, G. Roberts, S. Cain\* (Basingstoke, United Kingdom)*

**EV0763 Debio 1452 MIC quality control range with *Staphylococcus aureus* ATCC 29213 using a multi-laboratory study design**  
*R.K. Flamm\* (North Liberty, IA, United States), J.E. Ross, R.N. Jones*

**EV0764 Real-time detection of beta-lactamase from blood culture positive for Enterobacteriaceae**  
*G. Prod'hom\* (Lausanne, Switzerland), C. Durussel, D. Blanc, A. Croxatto, G. Greub*

**EV0765 Accuracy of predicting oritavancin susceptibility using vancomycin surrogate susceptibility testing of Gram-positive isolates from Europe**  
*R.N. Jones\* (North Liberty, IA, United States), M. Castanheira, D.J. Farrell, R.K. Flamm, H.S. Sader, R.E. Mendes*

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## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Molecular bacteriology

**EV0766 Evaluation of the Cepheid Xpert GBS assay for the detection of colonization by *Streptococcus agalactiae* (GBS) in a population of pregnant women at delivery**  
*F. Del Bianco, A. Cellini, P. Farabegoli, M.F. Pedna, E. Leone, F.M. Bruno, E. De Ambrosi, V. Sambri\* (Pievesestina di Cesena, Italy)*

**EV0767 Improved efficiency in the clinical microbiology laboratory by using the RT-PCR EntericBio® Gastro Panel 1 Enteric pathogen assay**  
*K. Desai\* (Birmingham, United Kingdom), M. Watson, N. Reading, R. Anderson, G. Trafford, N. Ratnaraja*

**EV0768 Combining next-generation sequencing with real-time quantitative PCR enables identification and quantification of bacteria involved in respiratory tract infections in respiratory samples**  
*E. Van den Munckhof\* (Rijswijk, Netherlands), H. Hafkamp, M. De Koning, B. Kleter, W. Quint, J. De Kluijver, T. Pascal, E. Balian, S. Durviaux, L. Van Doorn*

**EV0769 The emergence of Lean Six Sigma process optimization and multiplex PCR technology in the routine microbiology enteric laboratory**  
*J. Laughlin\* (Slough, United Kingdom)*

**EV0770 Use of 16S rDNA PCR in microbiological investigation of heart valves**  
*K. Vilimovska Dedeckova, V. Rohn, O. Melter, P. Drevinek\* (Prague, Czech Republic)*

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- EV0771 Sensitivity of the BD MAX group B *Streptococcus* assay increases with direct testing of specimens collected in Copan ESwab collection devices vs. enriched culture specimens**  
E. Beck\* (Milwaukee, WI, United States), G. Reymann, B. Buchan, N. Ledebor
- EV0772 The *creD* involved in biofilm formation, swimming motility, and secreted protease activity in *Stenotrophomonas maltophilia***  
H. Huang, Y. Huang, T. Yang\* (Taipei, Taiwan)
- EV0773 Nested 16S rRNA PCR on direct specimen possibility of a complementary method to bacteriological cultures**  
S. Chun\* (Seoul, Korea), N.Y. Lee, C.S. Ki, H.J. Huh
- EV0774 Emergence of NDM-1 producing *Acinetobacter pittii* isolated in a tertiary hospital in Korea**  
S.H. Koo\* (Daejeon, Korea), J.Y. Sung, G.C. Kwon
- EV0775 Evaluation of the Check-Direct CPE assay for detecting carbapenemase genes in multidrug-resistant Gram-negative bacteria**  
D. Meunier\* (London, United Kingdom), K.L. Hopkins, J. Findlay, N. Woodford
- EV0776 Gram-negative bacilli isolated from bronchial aspiration from patients in the intensive care unit and performance of MALDI-TOF MS for routine identification**  
M.D. Guerrero\* (Madrid, Spain), L. Balsalobre, C. Santa Olalla, T. Alarcón
- EV0777 Enterococci from food, clinical specimens and oral sites: prevalence of virulence factors and capacity for biofilm formation**  
A.C. Anderson\* (Freiburg, Germany), I. Huber, N. Arweiler, E. Hellwig, A. Al-Ahmad
- EV0778 Molecular diagnosis of extrapulmonary mycobacterial infections**  
K. Ohkusu\* (Tokyo, Japan), T. Ezaki, T. Matsumoto
- EV0779 Anyplex™ II MTB/MDR/XDR (Seegene) kit for detection of first and second line resistance mutations in *M. tuberculosis* cultures**  
M. Causse\* (Cordoba, Spain), P. Ruiz, J.B. Gutierrez-Aroca, M. Casal
- EV0780 Diagnosis of bacteraemia in 77 blood samples by use of a commercial universal 16S rRNA gene-based PCR and sequence analysis**  
S. Göktas\* (Istanbul, Turkey), P. Göktas, Z.N. Malkoç, Z.C. Karakoç
- EV0781 Magnetic nanoparticle-enhanced PCR for the detection and identification of *Staphylococcus aureus* and *Salmonella enteritidis***  
J. Papaparaskevas\* (Athens, Greece), D. Houhoula, K. Zoutsou, N. Nikolaras, H. Malkawi, M.P. Mingeot-Leclercq, A. Tsakris, E. Charvalos
- EV0782 Simultaneous multiple detection and quantification of pathogenic bacteria using high-throughput qPCR**  
S. Temisak\* (London, United Kingdom), D.M. O'Sullivan, P.D. Butcher, K.G. Laing, K.A. Harris, C.A. Foy, J.F. Huggett
- EV0783 Genetic diversities of whole genomes of *Streptococcus pneumoniae* serotype 3 from paired blood-respiratory isolates of patients with complicated bacteraemic pneumonia**  
V. Liyanapathirana, R. Subramanian, H. Zhou, M. Ip\* (Hong Kong, China)
- EV0784 Comparison of six laboratory methods for *Clostridium difficile* detection**  
W. Kwang-Sook\* (Busan, Korea), C. Jae-Lim, K. Bo-Ram, H. Jin-Yeong, K. Jung-Man, K. Kyeong-Hee
- EV0785 Development of PCR-based method for *Mycobacterium tuberculosis* complex members differentiation**  
A. Lara Oya, C. Liébana Martos, E. Cuadros Moronta, J. Ceballos Mendiola, P. Mendoza López, J. Rodríguez Granger, A. Sampedro Martínez\* (Granada, Spain), J.M. Navarro Marí
- EV0786 An apple-to-apple comparison; genomes of entero-invasive *E. coli* (EIEC) compared to genomes of *Shigella* species**  
M.J.C. Van den Beld\* (Bilthoven, Netherlands), K. Zhou, A.M.D.M. Kooistra-Smid, A.W. Friedrich, F.A.G. Reubsat, J.W.A. Rossen
- EV0787 Real-time PCR for diagnosing bacterial gastroenteritis significantly increases positivity rates in a routine setting**  
P. Van Lint\* (Wilrijk, Belgium), E. De Witte, J. Ursi, B. Van Herendael, J. Van Schaeren
- EV0788 Analytical comparison of GenMark's ePlex™ gastrointestinal pathogen panel to bench methods**  
E. Tyler, B. Harrel, B. Leatham, R. VanSickle, K. Mehlman, C. Stelling\* (Carlsbad, CA, United States), A. Schroeder, L. Freeman-Cook
- EV0789 Evaluation of the performances of 4 nucleic acid amplification techniques for rapid diagnosis of *Clostridium difficile***  
B. Shin\* (Seoul, Korea), E.J. Lee

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- EV0790 Lung bacterial population diversity in VAP, CAP and health using 16S rRNA sequencing**  
M. McHugh\* (Edinburgh, United Kingdom), N. Gadsby, L. Murphy, A. Fawkes, R. Clark, R. McMullan, A. Conway Morris, J. Simpson, K. Templeton
- EV0791 Identification and characterization of the phage-like plasmid in *Streptococcus salivarius* 57.1**  
Y.M. Chen\* (Taoyuan, Taiwan), W. Chou
- EV0792 Molecular detection of anaerobe bacteria from patients with chronic periodontitis**  
G. Arica, Y. Bulut\* (Elazig, Turkey), S. Findik Aydinler, Z. Asci Toraman
- EV0793 A random mutagenesis study gives evidence of distinct substrate entrances to the *Escherichia coli* MDR transporter AcrB**  
S. Schuster\* (Freiburg, Germany), A. Buck, M. Vavra, W.V. Kern
- EV0794 Comparison of the Check-Direct CPE real-time PCR kit to selective agar media for the detection of carbapenemases in Enterobacteriaceae**  
U. Eigner\* (Heidelberg, Germany), A. Veldenzer, N. Hefner, R. Schwarz, M. Holfelder
- EV0795 Outbreak investigation of two strains of *Escherichia coli* O157:H7 using two separate forms of WGS**  
L. Cowley\* (London, United Kingdom), T. Dallman, D. Gally, C. Jenkins
- EV0796 Comparison of the diagnostic performance of *Treponema pallidum* PCR targeting *tpp47* or *polA* gene : a systematic review and meta-analysis**  
A. Gayet-Ageron\* (Geneva, Switzerland), C. Combescure, S. Lautenschlager, B. Ninet, T. Perneger
- EV0797 Prevalence of *Staphylococcus aureus* and Shiga-like toxin-producing *Escherichia coli* (STEC) in dairy products of Apulia region (South Italy)**  
M.G. Basanisi\* (Foggia, Italy), G. La Bella, G. Nobili, G. La Salandra
- EV0798 Specific detection of *Campylobacter jejuni* and *Campylobacter coli* from human faeces using a novel isothermal amplification technology, SIBA®**  
V. Ruotsalainen\* (Espoo, Finland), M. Huitula, K. Eboigbodin, T. Halonen, S. Filén, M. Brummer, J. Saharinen, L. Uitto, M. Mäki
- EV0799 Real-time PCR for pathogens and antimicrobial resistance genes detection in bloodstream infections from paediatric patients with cancer**  
F. Carlesse\* (São Paulo, Brazil), M. Quiles, L. Menezes, K. Bauab, T. Rocchetti, A. Petrilli, P. Cappellano, A. Pignatari
- EV0800 Molecular detection of tick-borne bacteria in ticks in southern Norway**  
A. Toledo, B. Espigares-Fuentes, A. Olmo, P. Stamberg, P.A. Csángó\* (Kristiansand, Norway)
- EV0801 Evaluation of the EntericBio® RT-PCR *Clostridium difficile* assay**  
M.D. Watson\* (Birmingham, United Kingdom), J. Swindells, N. Reading, R. Natasha
- EV0802 Targeted next-generation sequencing for identification of hospital-acquired infection: performance of a new commercial method, HAI Biolnova Kit™**  
C. Hahm\* (Incheon, Korea), G.Y. Oh
- EV0803 Performance of the eazyplex SuperBug CRE in rapid detection of carbapenemases and CTX-M extended-spectrum beta-lactamases in Enterobacteriaceae and *Pseudomonas* spp.**  
O. Samuelsen\* (Tromsø, Norway), H. Bjørg, A. Sundsfjord
- EV0804 Detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* infection by RT-PCR in different groups of population in Valencia city (Spain)**  
B. Acosta\* (Valencia, Spain), M.D. Gómez, F. Yarad, J. Córdoba, E. Ibañez, J.M. Molina, A. Magraner, J.L. López
- EV0805 Use of TaqMan® real-time PCR for rapid detection of *Salmonella* serotypes Typhi and Typhimurium**  
R. Ranjbar\* (Tehran, Iran), A. Naghoni
- EV0806 Molecular identification of bacteria in polybacterial specimens of urinary catheters and urine of catheterized patients**  
I. Kotásková\* (Brno, Czech Republic), V. Holá, O. Hana, K. Adamcová, M. Barbora, F. Tomá
- EV0807 An update of serogroup Y meningococci in Italy: 2012-2014**  
C. Fazio, A. Neri\* (Rome, Italy), A. Carannante, P. Vacca, G. Buttinelli, P. Stefanelli



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- EV0808** **Development of molecular techniques for the rapid detection of *Helicobacter pylori* and its resistance to clarithromycin in gastric biopsies on the BD MAX™ platform**  
P. Baltar\* (Santiago de Compostela, Spain), J. Rodriguez-Calvino, M.L. Perez del Molino, J. Llovo, F. Pardo, R. Benito
- EV0809** **Comparison of two new transcription-reverse transcription concerted reaction methods (TRCRapid-160 M.TB and TRCReady-80) for rapid detection of *Mycobacterium tuberculosis* complex in respiratory specimens**  
M.G. Paglia\* (Rome, Italy), A. Mazzearelli, E. Bordini, A. Piscini, O. Butera, S. D'Arezzo, A. Vulcano, C. Venditti, C. Nisii, A. Di Caro
- EV0810** **Evaluation of the performance of the Anyplex plus MTB/NTM Real Time Assay and the Anyplex II MTB/MDR/XDR multiplex PCR system in clinical samples**  
M.G. Paglia\* (Rome, Italy), A. Vulcano, E. Bordini, S. D'Arezzo, A. Toffoletti, A. Mazzearelli, A. Di Caro
- EV0811** **Evaluation of a molecular method for rapid CRE screening in patients admitted to medical and ICU wards**  
A. Bielli\* (Milan, Italy), C. Vismara, C. Bianchi, G. Elli, G. Gesu
- EV0812** **Biomarkers for rapid differentiation of *Bacillus anthracis* from *B. cereus* group non-anthraxis strains using matrix-assisted laser desorption ionization-time of flight mass-spectrometry (MALDI-TOF)**  
A. Egli\* (Basel, Switzerland), M. Osthoff, A. Berini, N. Schuerch, S. Leib, R. Frei
- EV0813** **Assessing the value of systematic culture in diagnostic algorithms for detection of toxigenic *Clostridium difficile***  
J. Van Acker\* (Ghent, Belgium), I. Cox, C. Verfaillie, A. Van den Abeele
- EV0814** **Evaluation of the fully automated QIAGEN artus VanR QS-RGQ method for detection of glycopeptide-resistant enterococci (GRE) in clinical samples**  
M. Gillis\* (Cologne, Germany), P. Wiegeler, B. Licanin, G. Plum
- EV0815** **Evaluation of the performance of the Gene Xpert® Carba-R assay by comparison with a culture-based method for the detection of carbapenemase-producing Enterobacteriaceae (CPE)**  
A. McEwan\* (Manchester, United Kingdom), M. Guiver, A. Dodgson
- EV0816** ***Leptotrichia amnionii* and *Sneathia sanguinegens*: difficult-to-diagnose organisms in two patients with septic abortion-associated bacteraemia**  
V. Hinic\* (Basel, Switzerland), S. Graf, G. Goy, J. Buechel, F. Emch, B. Kessler, R. Frei, D. Goldenberger
- EV0817** **Aetiology of lower genital tract infections in patients of north central Morocco**  
S. Karim\* (Fez, Morocco), A. Banani, C. Bouchikhi, S. Erraghay, M. Benlemlih, B. Bennani
- EV0818** **Comparative evaluation of two fully automated real-time PCR methods for MRSA screening in a tertiary care hospital**  
N.J. Hos\* (Cologne, Germany), P. Wiegeler, S. Strauß, I. Osmialowski, C. Haefs, G. Plum
- EV0819** **Characteristics of *Helicobacter pylori* infection in St-Petersburg, Russia**  
N. Baryshnikova, Y. Uspenskiy, A. Suvorov, M. Suvorova\* (St. Petersburg, Russia)
- EV0820** **Co-infections in patients with non-specific symptoms after tick bite**  
J. Dunaj, A. Moniuszko\* (Bialystok, Poland), J. Zajkowska, M. Kondrusik, S. Grygorczuk, P. Czupryna, R. Swierzbinska, S. Pancewicz
- EV0821** **Performance characterization of the IRIDICA™ BAC LRT Assay\* for detection and identification of bacteria associated with lower respiratory tract infection**  
M.A. Rounds\* (California City, CA, United States), M.W. Frinder, G.S. Richmond, D. Metzgar, H.E. Carolan, D.M. Toleno, K.C. Carroll, R.E. Rothman, B.N. Zeglin, S. Peterson, F. D'Alessio, D.J. Ecker, R. Sampath, L.B. Blyn
- EV0822** **Performance characterization of the IRIDICA™ BAC BSI Assay\* for detection and identification of bacteria and *Candida* in direct specimens from patients with suspected bloodstream infections**  
D. Metzgar\* (California City, CA, United States), M.W. Frinder, M.A. Rounds, H.E. Carolan, D.M. Toleno, K.C. Carroll, R.E. Rothman, G.D. Avornu, S. Peterson, R. Sampath, D.J. Ecker, L.B. Blyn
- EV0823** **Analysis of 14-day stability for dry COPAN FLOQSwabs™: self-collected vaginal specimens evaluated with the cobas® CT/NG test**  
K. Bair, T. Williams, O. Hawkins, A. Kershner, L. Newberry, A. Torres, J. Osiecki, J. Gibson\* (Orlando, FL, United States)

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- EV0824 Evaluation of nasal swab specimens with the cobas® MRSA/SA test for the detection of *Staphylococcus aureus* and MRSA compared with direct and enrichment culture**  
L. Peterson, S. Young, T. Davis, Z. Wang, C. Woods, K. Lu, J. Duncan, O. Liesenfeld, J. Osiecki, M. Lewinski\* (Pleasanton, CA, United States)
- EV0825 Evaluation of stool specimens with the cobas® Cdiff test for the detection of *Clostridium difficile* toxin B compared with direct toxigenic culture**  
L. Peterson, S. Young, T. Davis, Z. Wang, J. Duncan, Y. Ohhashi, O. Liesenfeld, J. Osiecki, M. Lewinski\* (Evanston, IL, United States)
- EV0826 Evaluation of the cobas® StrepA nucleic acid test for use on the cobas® Liat System for rapid detection of infection with *Streptococcus pyogenes***  
L. Chen, F. Wang, Y. Tian, S. Chen, O. Liesenfeld\* (Pleasanton, CA, United States)
- EV0827 Effect of mesalamine-MMX (Mezavant®) treatment on colon microbiota pattern of patients with ulcerative colitis**  
J.O. Miquel Cusachs\* (Girona, Spain), D. Busquets Casals, M. Serra-Pagès, A. Bahí Salavedra, J.L. Garcia-Gil, X. Aldeguer Manté
- EV0828 The role of MALDI-TOF to discover “new” pathogens: *Propionibacterium koccii*, a human pathogen anaerobic bacterium**  
E. Urbán\* (Szeged, Hungary), J. Hunyadkúrti, P. Barzó, I. Nagy
- EV0829 Copy numbers of the NKG2C gene in women with cervical dysplasia and its relationships with human papilloma virus type 16**  
A. García Andreo, J. Galán Ros\* (Cartagena, Spain), A. Fernández Valera, M.A. Ros Roca, J.R. Vilchez, M.D.M. Martínez Senac, D. Torres Moreno, P. Conesa Zamora
- EV0830 *Clostridium difficile* infection in a Greek university hospital: molecular characteristics of isolates**  
M. Kachrimanidou, A. Kountouras, T. Sarmourli, E. Protonotariou, O. Vasilaki, S. Papaioannou, P. Tsiavi\* (Thessaloniki, Greece), S. Metallidis, L. Skoura, N. Malisiovas
- EV0831 Evaluation of Simplexa™ MRSA Direct (Focus Diagnostics) on a large collection of *mecA*- and *mecC*-positive MRSA representing the major MRSA clones circulating throughout the world**  
C. Dupieux\* (Lyon, France), H. Meugnier, A. Garriga, J. Tasse, A. Tristan, M. Bes, F. Vandenesch, F. Laurent
- EV0832 Performance characterization of the IRIDICA™ BAC SFT Assay for detection and identification of diverse bacteria and *Candida* in body fluids and tissues**  
M. Frinder\* (Carlsbad, CA, United States), D. Metzgar, M. Rounds, H. Carolan, D. Toleno, R. Sampath, D. Ecker, L. Blyn
- EV0833 Preliminary clinical utility of *Salmonella* detection using a novel, fast and specific isothermal amplification technology, SIBA®**  
J. Flinck\* (Espoo, Finland), S. Elf, T. Halonen, M. Kukkonen, N. Keränen, M. Mäki, J. Saharinen
- EV0834 Study of an algorithm for early diagnosis of Gram-negative bacillary bacteraemia by MALDI-TOF and real-time PCR**  
I. Gracia-Ahufinger\* (Cordoba, Spain), E. Donoso-Contreras, M. Causse del Río, R. Tejero-García, J. Guzmán-Puche, F. Rodríguez-López, M. Casal-Román
- EV0835 Same-day infectious blood diagnostics**  
J. Jarvius\* (Uppsala, Sweden), J. Göransson, M. Klint, S. Henriksson, Y. De Jong, H. Osman
- EV0836 Usefulness of an integrated real-time PCR method for the detection of *Mycobacterium tuberculosis* complex on paraffin-embedded human tissues**  
F. Alcaide\* (Barcelona, Spain), M.J. Peña, M. Santin, E. Struzka, E. Condom
- EV0837 Detection of *Mycoplasma hominis*, *Mycoplasma genitalium*, *Ureaplasma urealyticum*, *Chlamydia trachomatis* and *Neisseria gonorrhoeae* by polymerase chain reaction in patients with sterile pyuria**  
S. Cuglan\* (Malatya, Turkey), B. Otlı, Y. Bayındır, U. Kayabas, C. Tastemir
- EV0838 Evaluation of real-time PCR-based assay for detection of toxin-producing *Clostridium difficile***  
S. Laakso\* (Espoo, Finland), J. Kirveskari
- EV0839 Diagnosis of prosthetic joint infections using SepsiT<sup>™</sup> and the automated multiplex-PCR Unyvero Curetis-iti® I60 cartridge system - a pilot study**  
B. Johannes\* (Freiburg, Germany), G.A. Häcker, S. Burrack-Lange, G. Luedke, S. Guschl, A. Serr, T. Danner, J. Hübner, P. Helwig, O. Hauschild, W.V. Kern
- EV0840 Evaluation of the Xpert® Carba-R (Cepheid) assay on lower respiratory tract samples from patients with suspected ventilator-associated pneumonia**  
A. Burillo Albizu\* (Madrid, Spain), M. Marín, P. Martín-Rabadán, M.J. Pérez-Granda, E. Cercenado, E. Bouza

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## EV29

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

Molecular biology, including diagnostics: Molecular biology – others

- EV0841** The Acuitas™ MDROGene test compared to a culture/molecular assay for detection of gene families associated with multidrug-resistant organisms from single peri-anal swab for surveillance

J.K. Johnson\* (Baltimore, MD, United States),  
G. Robinson, N. Karikari, L. Zhao, T. Wagner, T. Walker

- EV0842** A novel multiplex real time PCR for a rapid diagnosis of infections in catheterized dialysis patients

K. Hannah\* (Bordeaux, France), F. M'Zali, L. Millet,  
M. Hernoult, V. Dubois, V. De-Précigout, C. Combe

- EV0843** Microbiological diagnosis of infective endocarditis: blood culture, valve culture and molecular biology

E. Laín Miranda, P.R. Pilar, M.A. Mercedes, R.L. Antonio\*  
(Zaragoza, Spain), V.U. Cruz, R.P. M<sup>a</sup> Jose

- EV0844** Performance of the new accelerate ID/AST system in highly resistant *Acinetobacter baumannii* bloodstream infection isolates, compared to routine laboratory testing

G. Lisby\* (Hvidovre, Denmark), S. Kyst, J.D. Knudsen,  
B. Turng, S. Metzger, P. Littauer

- EV0845** Pilot-study: characterization of lactobacillar flora in Portuguese prostitutes

C. Gaspar\* (Covilhã, Portugal), G. Donders,  
R. Palmeira-de-Oliveira, R. De Castro,  
F. Martins Pereira, J. Martinez-de-Oliveira,  
A. Palmeira-de-Oliveira

- EV0846** The use of transcriptomic analyses to study drug action and effect in *Mycobacterium tuberculosis*

D. Evangelopoulos\* (London, United Kingdom),  
M. Karlikowska, T.D. McHugh

- EV0847** Comparison of methods for the preparation of blood culture samples for identification by MALDI-TOF mass spectrometry fingerprinting

L. Stalling, H. Rohde, M. Christner\* (Hamburg, Germany)

- EV0848** Developing and validating a scale to assess group B *Streptococcus* awareness in pregnant women living in Luton, United Kingdom

Lucas Jeffrey\* (Essex, United Kingdom), D. Trivedi,  
M. Offredy, M. Cottee

- EV0849** Study of fatty acid composition of total lipids in *Campylobacter* strains isolated from different sources in Ukraine national medical academy of postgraduate education

D. Kyryk\* (Kiev, Ukraine)

- EV0850** *Helicobacter pylori* and the accompanying microbiota in the stomach

V. Pereira\* (Mumbai, India)

- EV0851** Clinical evaluation of the RIDA® GENE *Dientamoeba fragilis* real-time PCR assay in human stool samples

A. Fruth, L. Kastl\* (Freiburg, Germany), E. Glocker

- EV0852** *Trichomonas vaginalis* and *Mycoplasma genitalium*: prevalence in a Flemish population with high-risk sexual behaviour versus a population with an abnormal cervical smear

B. Vanmassenhove\* (Oostende, Belgium), L. Persijn,  
L. Vynckier, K. Hertveldt, G. Alliet

- EV0853** *Phyllanthus* suppresses prostate (PC-3) and melanoma (MeWO) cancer cells' proliferation and induces apoptosis through multiple signalling pathways (MAPKs, Myc/Max, PI3K/Akt, NFκB and hypoxia)

S.D. Sekaran\* (Kuala Lumpur, Malaysia), Y. Tang,  
I.B. Jaganath

- EV0854** The relevance of global sequence surveillance for molecular diagnostic assays

G.C. Fillmore, S. Cayabyab-Hibbard, X. Chen,  
C. Honisch\* (Pleasanton, CA, United States)

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## EV30

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Molecular epidemiology of multidrug-resistant Enterobacteriaceae

**EV0855** Identification of *bla*CTX-M genes and their upstream regions in water-borne *Escherichia coli* belonging to commensal-associated phylogroups

P. Bajaj\* (New Delhi, India), S. Sharma, N.S. Singh, J.S. Virdi

**EV0856** Molecular characterization and epidemiology of carbapenem-non-susceptible *Klebsiella pneumoniae* isolates from a Chinese teaching hospital: coexistence of multiple resistant genes in isolates harbouring carbapenemase NDM-1

X. Xu, S. Pu, S. Yang, L. Zhang\* (Chongqing, China)

**EV0857** Prevalence of quinolone resistance and aminoglycoside resistance determinants and molecular epidemiology of carbapenem-non-susceptible *Enterobacter cloacae* in a Chinese teaching hospital

X. Xu, W. Ma, S. Yang, L. Zhang\* (Chongqing, China)

**EV0858** Carriage of ESBL, AmpC, and carbapenemase-producing Enterobacteriaceae among nursing home residents in northern Lebanon

Z. Daoud\* (Beirut, Lebanon), I. Dandashi, E. Salem-Sokhn, A. Eid

**EV0859** Clinical and molecular characteristics of hypermucoviscous *Klebsiella pneumoniae* isolated from different clinical specimens in Korea

H.A. Kim\* (Daegu, Korea), S. Ryu, N. Ryoo

**EV0860** Likely multicentre plasmid outbreak among clonal KPC-2-producing Enterobacteriaceae species

M. Zenaide Ribeiro Gomes\* (Rio de Janeiro, Brazil), C. Padilha Tavares, P. Silva Pereira, I. Cassiano de Oliveira Santos, L.C. Lobato, C. Faria Junior, W. Tassinari, M. Dutra Asensi, A.P. D'Alincourt Carvalho Assef

**EV0861** Characterization of ST 38 CTX-M-producing *Escherichia coli* isolated from urine at a tertiary hospital in Daejeon, Korea

S.H. Koo\* (Daejeon, Korea), S. Kim, G.C. Kwon

**EV0862** Extremely drug-resistant and phylogenetically diverse bacteria carrying *bla*NDM are common among patients from civil hospital Karachi, Pakistan

M. Carvalho\* (Cardiff, United Kingdom), A. Mushtaq, A. Sara, T. Sequeira, N. Chishti, S. Khatoon, M. Farooqi, M.R. Khanani, T.R. Walsh

**EV0863** Carbapenemase production among multidrug-resistant Enterobacteriaceae: epidemiology in a resource-limited setting

L. Ampaire\* (Mbarara, Uganda)

**EV0864** Horizontal transfer of NDM1 gene from *Klebsiella pneumoniae* to *Citrobacter sedlaki* in the human intestinal tract

L. Cavalié\* (Toulouse, France), B. Mantion, O. Fayet, M.F. Prere

**EV0865** Bowel colonization with extended-spectrum beta-lactamases-producing *Escherichia coli* and *Klebsiella pneumoniae* after treatments with ceftriaxone and cefotaxime

W. Sánchez-Yebra Romera, L. Del Gígia Aguirre\* (Almería, Spain), I. Reche Molina, A. Lazo Torres, S. Domingo Roa, A.M. García Peña, M. Martínez Lirola, A. Reyes Bertos, M. Morales Torres, M.D.C Gálvez Contreras, M.A. Rodríguez Maresca

**EV0866** Epidemiology and treatment of OXA-48-producing *Klebsiella pneumoniae* infections in a tertiary hospital in Spain

A. Madueño Alonso, J. Gonzalez Garcia, T. Delgado Melian, M.A. Miguel Gómez, M. Cuervo Abarquero, Z. Diaz Cuevas, J. Nazco Casariego, M. Lecuona Fernández\* (La Laguna, Spain)

## EV31

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Molecular typing

**EV0867** Genotype identification of *Echinococcus granulosus* from paraffin-embedded tissues of hydatid cysts isolated from human by PCR-RFLP

M. Soosaraie\* (Sari, Iran)

**EV0868** Rapid genome typing of *Shigella sonnei* using multiplex-HRM

W. Mazi\* (Stockholm, Sweden), A. Saeed, G. Sandstorm, J. Yu

**EV0869** Genetic diversity of *Staphylococcus aureus* in Buruli ulcer

N.A. Amisshah\* (Pakro, Ghana), C. Glasner, A. Ablordey, C.S. Tetteh, N.K. Kotey, I. Prah, T.S. Van der Werf, J.W. Rossen, J.M. Van Dijk, Y. Stienstra

**EV0870** Emergence of *Clostridium difficile* PCR ribotypes 001 and 176 in the Czech Republic

M. Krutova\* (Prague, Czech Republic), O. Nyc, J. Matejkova, R. Tejkalova, D. Vesela, P. Linhart, L. Havlinova, J. Janeckova, I. Vagnerova, E. Zalabska, L. Geigerova, V. Paleckova, M. Curdova, N. Bartonikova, M. Rumlerova, E. Kuijper

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- EV0871 Evaluating the performance of Luminex xMAP *Salmonella* Serotyping Assay for determination of *Salmonella* serovars from both intestinal and extraintestinal infection in Hong Kong**  
H.Y. Lam\* (Hong Kong, China), T.M. Chan, K.T.W. Lai, W.S. Chan, T.Y.T. Tong, J.H.K. Chen, B.S.F. Tang
- EV0872 Development of a multi-locus typing scheme for *Mycoplasma pneumoniae***  
R. Brown\* (Cardiff, United Kingdom), B. Spiller, V. Chalker
- EV0873 Virulence genotyping of *Pseudomonas aeruginosa* from various clinical sites**  
C. O'Connor\* (Dublin, Ireland), A. Curry, S. Knowles
- EV0874 Capsular gene typing compared to serotyping of *Streptococcus agalactiae* in pregnant women**  
M. Holberg-Petersen\* (Oslo, Norway), L. Andresen, L. Dedi, K.K. Melby, A.K. Brigtson
- EV0875 Subtle genotypic changes can be observed between diagnosis and negativization in infection by *Mycobacterium tuberculosis***  
A.I. Rodriguez-Borlado Martínez\* (Madrid, Spain), L. Pérez-Lago, M. Herranz, M.J. Ruiz Serrano, E. Bouza, D. Garcia de Viedma
- EV0876 Niche expansion of *Staphylococcus aureus* clonal complex 8 by the acquisition of exfoliative toxin A gene**  
Y. Skryabin\* (Obolensk, Russia), I. Abaev, O. Korobova, A. Bogun, N. Mayskaya, I. Dyatlov
- EV0877 Spa "non-typeable" *S. aureus* isolates: evaluation of alternative primers**  
R.H.C.A. Deurenberg\* (Groningen, Netherlands), A. Mellmann, C. Glasner, W. Baas, R. Köck, H. Grundmann, J. Rossen, A. Friedrich
- EV0878 The study of genetic diversity among clinical strains of *Salmonella enterica* strains isolated in Tehran, Iran**  
R. Ranjbar\* (Tehran, Iran)
- EV0879 Evaluation of Minim typing for genotyping of *Klebsiella pneumoniae* clinical isolates**  
E. Brhelova\* (Brno, Czech Republic), I. Kocmanova, Z. Racil, M. Lengerova
- EV0880 Detailed characterization of *Staphylococcus aureus* recovered from animal research models**  
E.O. Azore\* (Bristol, United Kingdom), L.M. Lawrance, B. Pichon, G.M. Robinson, D.L. Arnold, A.M. Kearns
- EV0881 Detection and genotyping high risk (no-16, no-18) of human papillomavirus according to cytology results. Preliminary data of a local retrospective study**  
R. Bretones-Miguélez\* (Santa Cruz de Tenerife, Spain), B. Pino-Calm, H. Gil-Campesino, C.N. Grillo Grillo, J. Alcoba-Florez
- EV0882 Replicon typing of plasmids in clinical isolates of *Escherichia coli* resistant to amoxicillin-clavulanate isolated in Spain**  
M. Fernández-Martínez\* (Santander, Spain), E. Miró, A. Ortega, G. Bou, J. González-López, A. Oliver, A. Pascual, E. Cercenado, J. Oteo, F. Navarro, L. Martínez-Martínez, S.R.I.D. Reipi
- EV0883 Molecular typing of *Mycoplasma pneumoniae* with multi-locus variable-number tandem-repeat from respiratory specimens in a Spanish Hospital**  
E. Jordana-Iluch\* (Badalona, Spain), E. Bascuñana, S. Molinos, G. Fernández, L. Matas, V. Ausina
- EV0884 Molecular characterization of strains of methicillin-resistant *Staphylococcus aureus* (MRSA) in patients with cystic fibrosis (FC)**  
L. Cariani\* (Milan, Italy), A. Teri, A. Biffi, D. Girelli, D. Guarneri, M. D'accico, B. Beltrami, G. Defilippi, M. Arghittu, E. Torresani
- EV0885 Investigating the rise of *Clostridium difficile* PCR-ribotype 078 (RT078) in Scotland by the use of whole genome sequencing**  
D. Brown\* (Glasgow, United Kingdom), G. Douce, C. Marwick, C. Goswami, C. Wiuff, J. Coia
- EV0886 Molecular investigation and prevalence of *Clostridium difficile* from a university hospital in Bulgaria**  
E. Dobрева\* (Sofia, Bulgaria), I.N. Ivanov, K. Ivanova, G. Asseva, P. Petrov, T. Velinov, M. Murdjeva, E. Hristozova, M. Stoycheva, T. Kantardjiev
- EV0887 PFGE as support of the analysis of the situation of *Pseudomonas aeruginosa* infection in a reference hospital in Aragón, Spain**  
V. Pérez-Laguna, A. Rezusta\* (Zaragoza, Spain), S. Samper, A. López-Calleja, M. Vásquez, M. Revillo
- EV0888 Pulsed field gel electrophoresis confirmed outbreak of *Pseudomonas aeruginosa* infections due to endoscopic retrograde cholangiopancreatography; still continuous problem in hospital settings**  
A. Kilic\* (Ankara, Turkey), V. Turhan, M. Baysallar
- EV0889 The dependence of discriminatory ability and concordance degree of typing system on clustering methods**  
D. Babenko\* (Karaganda, Kazakhstan), A. Turmuhambetova, I. Azizov, A. Chesca



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**EV0890** Direct typing (MLVA) of *Bordetella pertussis* PCR-positive clinical samples during 2010-2013 in Greece  
*E. Petridou, T. Arvanitidis, K.A. Krogfelt\* (Copenhagen, Denmark), T. Dalby, M. Giannaki-Psinaki, R.F. Petersen, A. Michos*

**EV0891** MLVA typing of *Shigella* spp. strains recovered from paediatric patients in Tehran, Iran  
*R. Ranjbar\* (Tehran, Iran), M. Memariani*

**EV0892** Molecular typing of Iranian *Salmonella* spp. using MLST  
*R. Ranjbar\* (Tehran, Iran), H. Rahmati, F. Sarfi, P. Elhaghi*

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ePoster Viewing Stations

ePoster Area

### e-POSTER VIEWING: Molecular virology

**EV0893** Epidemiological characteristics of multiple respiratory virus infections  
*H. Kalfaoglu\* (Izmir, Turkey), C. Çiçek, Z.S. Bal, H. Karakus, H. Pullukçu*

**EV0894** Discovery and characterization of feline and canine bocaviruses in Hong Kong  
*H.C. Yeung\* (Hong Kong, China), S.K. Lau, P.C. Woo, J.L. Teng, Y. Wu, R. Bai, R.Y. Fan, K. Chan, K. Yuen*

**EV0895** Phylogenetic characterization of the fusion genes of the Newcastle disease viruses isolated in Fars province poultry farms during 2009-2011  
*M.J. Mehrabanpour\* (Shiraz, Iran), A. Rahimian, D. Mehrabanpour*

**EV0896** Genetic heterogeneity of interferon sensitivity determining region and their relationships to pegylated interferon-ribavirin treatment response  
*A. Chakravarti\* (New Delhi, India), G. Dogra, A. Ashraf, S. Kumar*

**EV0897** Comparison of molecular assays for the detection of noroviruses GI and GII in faecal specimens  
*J. Becker, H. Wisplinghoff\* (Cologne, Germany), J. Arnemann, U. Aurbach, M. Steinmetz*

**EV0898** Evaluation of Xpert® norovirus assay performance in stools samples of adult hospitalized patients with acute gastroenteritis  
*F. Rovida\* (Pavia, Italy), M. Premoli, G. Campanini, A. Sarasini, F. Baldanti*

**EV0899** A newly developed Dengue-IgA rapid test shows higher levels of sensitivity for early detection of Dengue infection  
*M. Idrees\* (Lahore, Pakistan)*

**EV0900** Correlation between hepatitis C virus core antigen test and hepatitis C virus RNA viral load and predictive values from HCV core antigen test  
*J. Blas\* (Madrid, Spain), C. Vegas-Domínguez, P. Llorente-Jiménez, A. De la Cruz, A. García-Cabello, R. García-Delgado*

**EV0901** Veris MDx System CMV Assay: evaluation of a new automated molecular method for quantifying cytomegalovirus-DNA in plasma  
*C. Mengelle\* (Toulouse, France), K. Sandres-Saune, C. Hasle, J. Boineau, J. Mansuy, J. Izopet*

**EV0902** Clinical evaluation of a novel fast-track diagnostics multiplex real-time PCR assay for detection and quantification of hepatitis E virus  
*C. Gruhn\* (Junglinster, Luxembourg), H. Wedemeyer, B. Bremer, M. Heckmann, M. Steimer, W.F. Carman*

**EV0903** Evaluation of multiple RealStar® herpes PCR kits for the detection of CMV, EBV, HSV and VZV  
*A. Boesl\* (Feldkirch, Austria), K. Baruschke, S. Jäger, G. Hartmann, H. Dirschmid, R. Stockinger, F. Offner*

**EV0904** Development of a lyophilized viral multiplex PCR run control reagent for clinical diagnoses  
*K. Doris\* (South Mimms, United Kingdom), J. Ashall, M. Zuckerman, N. Almond, R. Anderson*

**EV0905** Development of Nanosphere's Verigene® RPFlex test for rapid detection of a broad range of respiratory pathogens directly from a nasopharyngeal swab  
*J. Hully\* (Northbrook, IL, United States), E. Campione, C. Kranz, O. Hinthong, E. Yoritomi, I. De Tuncq, F. Sun, L. Lin, S. Powell, S. Marla*

**EV0906** Evaluation of analytical workflow and laboratory advantages by simultaneous execution of six different molecular assays using automated VERSANT® kPCR molecular system with MiPLX software  
*R. Santangelo\* (Rome, Italy), V. Prete, S. Soldini, L. Romano, G. Delogu, M. Sanguinetti*

**EV0907** Commutability of the 1st WHO International Standard for HCMV: further comparisons in whole blood and plasma matrices  
*R. Minhas\* (London, United Kingdom), J. Fryer, P. Minor, N. Almond, C. Morris*

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- EV0908 Standardized kits for rapid screening of norovirus and enteric viruses in clinical samples**  
F. Loisy-Hamon\* (La Chapelle Sur Erdre, France), G. Leturnier, A. Delage, K. Balay, P. Pothier, B. Lebeau
- EV0909 Performance evaluation of the Beckman Coulter VERIS hepatitis B assay on the VERIS MDx system**  
C. Robert\* (Baltimore, MD, United States), K. Maggert, R.M. Ruiz, A. Lehr, H. Rebeck, B. Eleid, J. Strefling, M. Dapp, A. Cruz, T. Roddy, S. Shin, D. Trainor, P. Conroy, Q. Li
- EV0910 A retrospective study in a HPV16 infected women cohort: HPV16 persistence**  
N. Sánchez-Serrano\* (Elche, Spain), A. Galiana, M. Ruiz, G. Perez-Torregrosa, J.M. Rodriguez-Ingelmo, F. García-Molina, L. Verdú, I. Moya, J.C. Rodriguez-Díaz, G. Royo
- EV0911 Molecular and clinical strategies for the management of a nosocomial transmission of adenovirus 8 conjunctivitis in a neonatal intensive care unit**  
V. Spuri Vennarucci\* (Rome, Italy), L. Coltella, A. Dotta, C. Auriti, L. Gentile, M.L. Ciofi Degli Atti, M. Raponi, C. Russo
- EV0912 Varicella-zoster virus PCR performance in cutaneous specimens**  
S. Gomez\* (Madrid, Spain), C. Prieto, C. Vera, P. Burón, L. Folgueira
- EV0913 Evaluation of anogenital lesion swabs with the cobas® HSV 1 and 2 test for detection of HSV DNA compared with an alternate molecular method**  
S. Taylor, K. Fife, E. Hook-III, R. Patel, K. Ding, J. Duncan, O. Liesenfeld, J. Osiecki, M. Lewinski\* (Pleasanton, CA, United States)
- EV0914 Development of an internal quality control programme for transplant associated viral pathogens**  
A. Ricketts\* (Glasgow, United Kingdom), R. De Boer, H. Niesters
- EV0915 Comparison of two commercial real-time PCR assays for influenza virus detection: IMDx™ flu A/B and RSV for Abbott m2000™ and Real Cycler® FLURSV**  
M. Gozalo-Margüello\* (Santander, Spain), M.V. San Juan, L. Martínez-Martínez, J. Agüero-Balbín
- EV0916 CMV, EBV and HHV6 viral load evaluation by the automated VERSANT k-PCR Molecular System in plasma and cerebral spinal fluid**  
C. Fazio, L. Mazzuti, M. Bucci, I. Sciandra, S. Verzaro, A. Gaeta, G. Antonelli, O. Turriziani\* (Rome, Italy)
- EV0917 Accurate and rapid point-of-care diagnosis of influenza A, influenza B, and respiratory syncytial virus with the cobas® Liat System**  
R. Huang, Y. Tian, R. Luo\* (Pleasanton, CA, United States), L. Chen, S. Chen
- EV0918 Evaluation of the cobas® influenza A/B nucleic acid test for use on the cobas® Liat System for rapid detection of influenza A and B**  
L. Chen, Y. Tian, S. Chen, O. Liesenfeld\* (Pleasanton, CA, United States)
- EV0919 Next-generation of HCV viral load monitoring; assessment of a new technology**  
S. Templer, B. Seiverth, G.M. Heilek, B.R. Cobb, E.G. Marins, P. Gohl, C.O. Simon\* (Rotkreuz, Switzerland)
- EV0920 Analytical and clinical evaluation of the Alere-i influenza A&B nucleic acid amplification test using nasopharyngeal swabs collected in viral transport medium**  
M. Vidal García\* (Zaragoza, Spain), P. Soria Lozano, E. Laín Miranda, M.J. Revilla Pinilla, M. Omeñaca Terés
- EV0921 Comparison of laboratory methods for the detection of noroviruses in stool samples**  
E.K. Alidjinou\* (Lille, France), H. Moudjahed, K. Balay, J. Kaplan, A. Dewilde, M. Lazrek, D. Hober, A. Goffard
- EV0922 A comparison of the efficiency of commercially available automated nucleic acid extraction platforms to detect a wide range of respiratory viruses**  
D. Stark, J. Harkness, J. Melki, D. Warby, D. Millar\* (Sydney, Australia)
- EV0923 External evaluation of the VERSANT HCV RNA 1.0 (kPCR) assay performance characteristics**  
A. Callegaro\* (Bergamo, Italy), P. Serna Ortega, L. Morandini, M. Scalvini, F. Maggiolo, C. Farina
- EV0924 Evaluation of Realstar® BKV PCR and Realstar® JCV PCR Kits for detection of polyomaviruses in various sample types**  
K. Rottengatter\* (Hamburg, Germany), S. Pfefferle, M. Luetgehetmann
- EV0925 Determination of human rotavirus genotypes among children under 5 years of age**  
G. Alp Avci, B. Ozcelik\* (Corum, Turkey), A.A. Emniyet, E. Avci, M. Suicmez
- EV0926 Comparing hands-on time (HOT) and turnaround time (TAT) for two multiplex NAT covering community-acquired respiratory viruses (CARVS)**  
C. Beckmann\* (Basel, Switzerland), H. Hirsch

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**EV0927 Detection of respiratory pathogens by multiplex molecular assay**

I. Saglik\* (Antalya, Turkey), R. Can Sarinoglu, D. Mutlu, A. Kupesiz, N. Oygur, O. Turhan, D. Ogunc, D. Colak

**EV0928 PCR electro-spray-ionization mass spectrometry for the detection and typing of microbiological infections in immuno-compromised patients**

J. Legoff\* (Paris, France), S. Mercier-Delarue, J. Pons, M. Picard-Maureau, F. Simon

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**e-POSTER VIEWING:  
Mycology****EV0929 Antifungal susceptibility profiles of invasive *Candida* and *Aspergillus* isolates: a six-year Croatian study**

E. Mlinaric-Missoni, M. Sviben\* (Zagreb, Croatia), V. Vaic-Babic

**EV0930 Quantitative PCR detects occult *Pneumocystis jirovecii* infections**

A. Prickartz, J. Lüsebrink, S. Khalfaoui\* (Cologne, Germany), O. Schildgen, W. Windisch

**EV0931 Antifungal therapy of *Candida* peritonitis in the AmarCand II study**

P. Montravers\* (Paris, France), H. Dupont, J. Gangneux, E. Azoulay, J. Constantin, O. Lortholary, J. Mira, P. Perrigault, J. Timsit, O. Leroy

**EV0932 Safety and outcomes in invasive aspergillosis patients with renal vs. no renal impairment treated with isavuconazole: experience from the SECURE (randomized) and VITAL trials**

K. Mullane\* (Chicago, IL, United States), M. Aoun, B. Franks, N. Azie, S. Mujais, A. Kaufhold, J. Maertens

**EV0933 Epidemiology and clinical features of *Candida haemulonii* and *Candida auris* isolates in a tertiary medical centre in Tel Aviv**

T. Finn\* (Tel Aviv, Israel), E. Bash, A. Novikov, R. Ben-Ami

**EV0934 Clinical characteristics and treatment outcomes of patients with candidaemia due to *Candida parapsilosis sensu lato* species at a medical center in Taiwan, 2000-2012**

P. Hsueh\* (Taipei, Taiwan), C. Chen

**EV0935 Evaluation of a new duplex quantitative real-time PCR assay for the diagnosis of *Pneumocystis jirovecii* pneumonia**

G. Lagardere, O. Lascols, M. Jodar, S. Godichaud, C. Hennequin, M. Gaboyard, J. Guitard\* (Paris, France)

**EV0936 Effects of different antifungal drugs on the detection of *Aspergillus fumigatus* biomarkers: data from a mouse model**

J. Springer\* (Würzburg, Germany), J. Amich, S. Krappmann, A. Beilhack, H. Einsele, J. Loeffler

**EV0937 Fibrosis as a complication of chronic pulmonary aspergillosis**

C. Kosmidis\* (Manchester, United Kingdom), P. Newton, E. Muldoon, D.W. Denning

**EV0938 Burden of serious fungal infections in Jordan**

J. Wadi Al Ramahi, D.W. Denning\* (Manchester, United Kingdom)

**EV0939 Comparison of oral itraconazole and fluconazole in the treatment of severe vulvovaginal candidiasis**

X. Liu\* (Shenzhen, China)

**EV0940 Fluconazole-resistant *Candida albicans* bloodstream infection: incidence and risk factors in Songklanagarind Hospital, southern Thailand**

N. Tanapathomsinchai\* (Songkhla, Thailand), P. Siripaitoon, S. Chusri

**EV0941 Stability and fitness cost of *fks* mutation in *Candida glabrata***

Y.Y. Cheung\* (Hong Kong, China), M. Hui

**EV0942 *Mucor velutinosus*: an emerging fungal infection**

M.J. Vivancos Gallego\* (Madrid, Spain), A.M. Zelazny

**EV0943 Molecular characterization of clinical isolates of *Cryptococcus* species from Sichuan Province, China**

S. Wu\* (Chengdu, China), Y. Lei, M. Kang, Y. Xiao, Z. Chen

**EV0944 Mould allergy in atopic patients in Saint-Petersburg, Russia**

Y. Kozlova, A. Sobolev, O. Aak, E. Burygina, N. Klimko\* (St. Petersburg, Russia)

**EV0945 Invasive candidiasis in intensive care units: results of prospective multicentre study in Russia**

N. Klimko\* (St. Petersburg, Russia), N. Vasilyeva, T. Chernenkaya, O. Kutsevalova, A. Vetokhina, S. Mukhacheva, E. Basin, A. Saturnov, T. Bogomolova, E. Shagdileeva, E. Raush

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- EV0946 Clinical characteristics and outcomes of histoplasmosis in southern Thailand; a 10-year retrospective study**  
P. Neamrat\* (Songkhla, Thailand), S. Chusri
- EV0947 Burden of serious fungal infections in Nepal**  
U. Shrestha Khwakhali\* (Kathmandu, Nepal), D.W. Denning
- EV0948 Production of virulence factors by *Candida* isolates causing bloodstream infections**  
M. Mahelova\* (Brno, Czech Republic), F. Ruzicka
- EV0949 Retrospective audit comparing clinical efficacy and safety of liposomal amphotericin B (Ambisome®) vs. caspofungin vs. micafungin for treatment of candidaemia and invasive fungal disease (IFD)**  
H. HABAYEB\* (London, United Kingdom), C. Grundy, M. Barker, A. Al-Dujaili
- EV0950 Performance of *Aspergillus* PCR and multifungal DNA microarray for diagnosis of invasive fungal infections in clinical samples from ICU patients with suspected fungal infections**  
B. Spiess, T. Boch, T. Liebrechts, P. Meybohm, S. Rapp, B. Muenz, J.D. Michels, N. Merker, S. Will, M.C. Mueller, W. Hofmann, M. Reinwald, D. Buchheidt\* (Mannheim, Germany)
- EV0951 Burden of serious fungal infections in New Zealand**  
P. Drennan, A. Pithie\* (Christchurch, New Zealand), N. Dickson, A. Morris, D. Denning, C. Stephen
- EV0952 Determination of the effect of systemic voriconazole on the developing retina: animal model**  
Y. Ozsurekci\* (Ankara, Turkey), A. Kara, E. Karadag Oncel, P. Atilla, S. Müftüoglu
- EV0953 PCR-based methods for the detection of fungal DNA and its clinical relevance in patients with chronic liver diseases**  
S. Krohn\* (Leipzig, Germany), C. Engelmann, K. Zeller, S. Böhm, A. Hoffmeister, A. Herber, J. Tuennemann, T. Berg
- EV0954 Molecular fingerprinting of *Candida albicans* isolates by MLST suggests common source of infection among some candidaemia patients in Kuwait**  
S. Ahmad\* (Safat, Kuwait), M. Asadzadeh, N. Al-Sweih, Z. Khan
- EV0955 Microsatellite-based genotyping of *Candida glabrata* isolates reveals close genetic relatedness among African and Italian genotypes**  
F. Scordino, D. Delfino, A.D. Van Diepeningenc, L. Giuffrè, C. Lo Passo, A. Cascio\* (Messina, Italy), G. Criseo, O. Romeo
- EV0956 Agents of *Tinea pedis* and their distribution according to age groups in the Aegean region of Turkey, 2000-2014**  
E. Tümbay, R. Inci, S. Hilmioglu-Polat\* (Izmir, Turkey), D.Y. Metin
- EV0957 Evaluation of invasive aspergillosis in immunosuppressive patients with galactomannan antigen test follow-up**  
D.Y. Metin\* (Izmir, Turkey), H. Pullukçu, M. Soylu, N. Soyer, A. Bakir, M. Isikgöz Tasbakan, G. Saydam, S. Hilmioglu-Polat, R. Inci
- EV0958 Impact of selective medium for the diagnosis of fungal osteomyelitis**  
J. Nobrega De Almeida Junior, P.R. Oliveira, A. Lopes Motta, V. Cordeiro de Carvalho, R. Reinhoz Botelho, R. Salvador de Assis, A. Pivetta Cora, A. Giovani, F. Rossi\* (São Paulo, Brazil), A.L. Munhoz Lima
- EV0959 Evaluation of the RenDx® Fungiplex surface-enhanced Raman scattering PCR assay for the detection of *Aspergillus* in sputum**  
E.A. Davies\* (Manchester, United Kingdom), R. Masania, J. Dougan, L. Novak-Frazer, E. Stirling, R. Stevenson, D. Denning, M. Richardson
- EV0960 Acquired antifungal multidrug-resistance in *Candida lusitanae* during therapy**  
S. Asner, M. Diezi, S.G. Giulieri, O. Marchetti, D. Sanglard\* (Lausanne, Switzerland)
- EV0961 Otomycoses among patients presenting with ear infections in south-western Uganda: a cross-sectional study**  
V. Katawera\* (Mbarara, Uganda), H. Itabangi, J. Bazira, F. Byarugaba
- EV0962 *Candida glabrata* phenotypic switching: a predictor for echinocandin antifungal resistance development**  
A. Silva-Dias\* (Porto, Portugal), J. Branco, M. Vaz Pinto, C. Pina-Vaz, M. Castro Teixeira, A. Gonçalves Rodrigues, I. Marcos Miranda
- EV0963 The inhibitory effect of *Pseudomonas aeruginosa* on the growth of *Aspergillus* strains**  
S. Hilmioglu Polat\* (Izmir, Turkey), A. Bakir, D.Y. Metin, M. Soylu
- EV0964 Diagnosis of *Aspergillus* spp. infections using molecular diagnostic tests where do we stand?**  
E. McCulloch, C. Di Lorenzo\* (Glasgow, United Kingdom), P. Wallace, C. Williams, W. Mackay

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- EV0965 Clinical and environmental isolates of *Cryptococcus* spp.: genotyping and *in vitro* susceptibility of antifungal agents alone and in four different combinations**  
F. Reichert-Lima\* (Campinas, Brazil), L. Lyra, I. Haddad Peron, A. Fidelis Busso Lopes, K. Kamei, H. Taguchi, Y. Mikami, M.L. Moretti, A. Zaninelli Schreiber
- EV0966 Influence of inoculum on the paradoxical growth effect of *Candida albicans* exposed to caspofungin**  
R.P. Rennie, A. Delorme\* (Edmonton, Canada)
- EV0967 Correlation between classical and molecular methods to identify moulds from clinical samples**  
A. Alastruey-Izquierdo\* (Madrid, Spain), E. Mellado, T. Pelaez, J. Peman, M.S. Zapico, M. Alvarez, J.L. Rodriguez-Tudela, M. Cuenca-Estrella
- EV0968 Development of PCR real-time MGB method for detection of zygomycete fungi**  
V. Tullio\* (Turin, Italy), M. Bergallo, N. Mandras, G. Banche, V. Allizond, P. Montanari, I. Galliano, P. Tovo, A.M. Cuffini
- EV0969 Invasive candidiasis in critically ill patients. Epidemiological Study. Cava Trem Project**  
E. Marín\* (Seville, Spain), A. Loza, C. Castro, D. Macías, A. Rezusta, F. Gomez, E. Valverde, A. Suarez, I. Zakariya-Yousef, A. Ubeda, C. León, E. Martín-Mazuelos, C.T. Study Group
- EV0970 Clinical features and prognosis of fungi cultured from postoperative peritonitis following bariatric surgery**  
N. Zappella\* (Paris, France), M. Desmard, S. Houze, L. Ribeiro-Parienti, J. Marmuse, P. Montravers
- EV0971 Chronic pulmonary aspergillosis (CPA) is likely to be a common complication of pulmonary tuberculosis: initial results of a cross-sectional survey**  
I. Page\* (Manchester, United Kingdom), N. Onyachi, C. Opira, J. Opwonya, E. Odongo-Aginya, A. Mockridge, G. Byrne, M. Richardson, D. Denning
- EV0972 Unambiguous identification of dimorphic fungal pathogens: a case study on an *Emmonsia* species investigated by high resolution electrospray Orbitrap™ mass spectrometry**  
K. Dukik, J. Freeke\* (Utrecht, Netherlands), A. Jamalain, B. Stielow, B. Gerrits van den Ende, L. Moreno, C. Kenyon, S. De Hoog
- EV0973 Evaluation of the “dip-effect” in *in vitro* antifungal susceptibility testing of *Candida* spp. against echinocandins using gradient concentration strips**  
M. Siopi\* (Athens, Greece), M. Tsala, N. Siafakas, L. Zerva, J. Meletiadis
- EV0974 Investigating the changes on candidal minimum inhibitory concentration levels**  
B. Cicek, H. Yilmaz\* (Samsun, Turkey), E. Mutlu Yilmaz, S. Esen, A. Birinci, M. Sunbul
- EV0975 Phylogenetic diversity of human pathogenic *Fusarium* species from Qatar**  
S.J. Taj-Aldeen\* (Doha, Qatar), H. Salah, A. Al-Hatmi, B. Theelen, C. Las-Floerl, A. Van Diepeningen, T. Boekhout
- EV0976 Severe hyponatraemia secondary to micafungin therapy**  
W. Cheng\* (Manchester, United Kingdom), W. Zhang, C. Kosmidis, E. Muldoon
- EV0977 Efficacy of anidulafungin plus ethylenediaminetetraacetic acid (EDTA) against *Candida tropicalis* biofilms**  
M.E. Fernandez Rivero\* (Pamplona, Spain), E. Canton, C. Losa, J.L. Lopez Hontangas, J. Peman, J.L. Del Pozo
- EV0978 Analytical and diagnostic performance of the galactomannan assay in the diagnostic of invasive aspergillosis at a tertiary hospital**  
S. Goletti\* (Brussels, Belgium), M. Bodéus, P. Goubau, B. Kabamba-Mukadi
- EV0979 Estimating the burden of serious fungal diseases in Chile**  
E. Alvarez Duarte, D.W. Denning\* (Manchester, United Kingdom)
- EV0980 *Alternaria alternata* infection causing rhinosinusitis in an immunocompetent patient**  
Z. Hattab, M. Abid, F. Bellazreg, A. Fathallah, W. Hachfi, A. Letaief\* (Sousse, Tunisia)
- EV0981 Comparative analysis of patients with chronic pulmonary aspergillosis and invasive pulmonary aspergillosis: a ten-year retrospective study**  
J. Chan\* (Hong Kong, China), S. Lau, S. Wong, K. To, I. Hung, V. Cheng, K. Yuen, P. Woo
- EV0982 We must keep *Aspergillus* in mind in the aetiology of facial nerve paralysis**  
A. Kocagül Çelikbas\* (Ankara, Turkey), A. Aypak, S. Eren Gök, G. Tezcan, M.N. Eroglu, N. Baykam, B. Dokuzoguz



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## EV34

## ePoster Viewing Stations

## ePoster Area

## e-POSTER VIEWING:

## Public health and community-acquired infections

**EV0983 A prospective observational study of retinal findings in HIV-infected adults with cryptococcal meningitis in Malawi**

M. Peirse\* (Blantyre, Malawi), K. Gaskell, I. McCormick, C. Kiire, P. Burgess, P. Mopamboli, C. Manda, K. Piddock, P. Goodson, E. Gondwe, S. Harding, S. Molloy, T. Harrison, D.G. Lalloo, R. Heyderman

**EV0984 Scoring systems and mortality in patients with candidaemia**

B. Ertunc, G. Yilmaz\* (Trabzon, Turkey), S. Atalar, I. Koksali

**EV0985 Thinking critically about the value and cost of drugs; an example from managing patients with invasive fungal disease**

E. Adams\* (Bristol, United Kingdom), E. Kendall, P. Horner, R. Marsh

**EV0986 A cross-sectional analysis of five proven cases of pulmonary mucormycosis over a period of six months in a tertiary care referral hospital in southern India**

L. Jessani, V. Ramasubramanian\* (Chennai, India), S. Nambi, S. Durairajan, R. Gopalakrishnan

**EV0987 Evaluation of real-time PCR for diagnosing *Pneumocystis jirovecii* pneumonia in non-HIV immunocompromised patients**

N. Karabicak\* (Ankara, Turkey), S. Topal

**EV0988 Proposal of a set of PCR-RFLP assays for the identification of *Scopulariopsis* fungi of clinical importance**

T. Jagielski\* (Warsaw, Poland), Z. Bakula, J. Kalita, M. Kaliszewska, M. Skóra, M. Gadzalski

**EV0989 Guideline compliance of microbiologist's advice on the management of candidaemia**

K. Banavathi\* (Stoke-on-Trent, United Kingdom)

**EV0990 *Candida* bursitis: systematic analysis of mechanisms, manifestations, microbiology, treatment, and outcome**

M. Gamaletsou, N. Sipsas, M. Bueno, D. Kontoyiannis, R. Petraitiene, E. Roilides, B. Rammaert, V. Zeller, R. Prinapori, S. Taj-Aldeen, B. Brause, O. Lortholary, T.J. Walsh\* (New York, NY, United States)

**EV0991 Clinical and epidemiological characteristics of burden cases of influenza A infection during 2013-14 season in Jaen, Spain**

L. Martin, V. Guillot, C. Roldan\* (Jaen, Spain), A. Martinez-Garcia, R. Martinez

**EV0992 Capsule serotypes of invasive *Haemophilus influenzae* in Singapore**

T. Barkham\* (Singapore, Singapore), W.Y. Tang, A.L. Tan, R. Lin, T.Y. Tan

**EV0993 Interleukine-17 and TGF-beta levels in patients with acute brucellosis and its relation with treatment**

M. Sofian, A. Ramezani\* (Tehran, Iran), M. Banifazl, A. Eslamifar, S. Cherei, A. Cherei, A. Aghakhani

**EV0994 Iron deficiency and infections in surgical patients**

S. Baka, E. Saltaoura, V. Gennimata, E. Kouskouni\* (Athens, Greece)

**EV0995 A survey of typhoid fever epidemic in eastern Nigeria**

W. Nwafia\* (Anambra, Nigeria)

**EV0996 Detection of *Chlamydia trachomatis* (D-K) antigen in conjunctival swabs from adults in Lower Silesia during 2009-2013**

M. Frej-Madrzak\* (Wroclaw, Poland), I. Choroszy-Krol, J. Sarowska, A. Jama-Kmiecik

**EV0997 Resistance pattern and changes occurred in common pathogens isolated from uncomplicated urinary tract infections in adults during a decade in a tertiary hospital in Greece**

M. Orfanidou\* (Athens, Greece), N. Ampelikiotis, C. Karagiorga, M. Kamperogianni, L.P. Drosopoulou, G. Ganteris, E. Vagiakou

**EV0998 Chlamydia Testing Training in Europe (CATTE): overcoming barriers to establishing routine *Chlamydia* testing in general practice for young adults**

N.F. Ockendon\* (Gloucester, United Kingdom), C. Rugman, P. Touboul, E. Ricketts, K. Town, A. Uuskula, A. Tisler-Sala, H. Fredlund, J. Hedlund, B. Dunais, S. Detanne, K. Folkard, C. McNulty

**EV0999 Moving from raising awareness to increasing engagement: European Antibiotic Awareness Day activities in the United Kingdom**

D. Ashiru-Oredope\* (London, United Kingdom), A. Bhattacharya, S. Spindlow, E. Budd, S. Hopkins

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- EV1000 Microbiology of urine samples from women presenting to primary care with symptoms of urinary tract infection (UTI): results from the POETIC observational study**  
M. Wootton\* (Cardiff, United Kingdom), J. Richards, L. Davies, J. Bates, N. Kirby, T. Pickles, K. Hood, C. Butler, R. Howe
- EV1001 Community-acquired urinary tract infections in Poland epidemiology, aetiology and antibiotic susceptibility**  
E. Stefaniuk\* (Warsaw, Poland), K. Bosacka, U. Czajkowska, W. Hryniewicz
- EV1002 HBV vaccination among healthcare personnel in Greek public hospitals: the case of Skylitseion General Hospital of Chios**  
M. Zorizou\* (Chios, Greece), P. Bikoulis, I. Maris, A. Pitsikouli, M. Patinioti, S. Vafeiadaki, M. Pirrou, E. Stavropoulou, E. Kallergi, I. Gavalas, I. Chalioti, I. Stamoulis, G. Antonaki, G. Dounias
- EV1003 Biocidal effect of new polymers on bacterial strains**  
M. Tselepi, E. Kougia, G. Vasilopoulos, G. Lainioti, N. Koromilas, G. Bokias, I. Kallitsis, A. Vantarakis\* (Patras, Greece)
- EV1004 Prevalence of *Toxocara canis* ova in soil samples collected from public areas of Attica Prefecture, Greece**  
V. Papavasiliopoulos, I.S. Elefsiniotis, K. Birbas, V. Pitiriga\* (Athens, Greece), A. Tsakris, G. Bonatsos
- EV1005 Characterization of methicillin-resistant *Staphylococcus aureus* from hospital personnel and the environment in Armenia**  
H. Mkrtchyan\* (London, United Kingdom), R. Cutler, X. Zhen, A. Kearns, B. Pichon, M. Yacoub, A. Hambardzumyan, M. Ter-Stepanyan, H. Karapetyan
- EV1006 Knowledge and attitudes of pregnant women towards vaccination in childhood**  
S. Senol, G. Asli\* (Manisa, Turkey), K. Asli, Y. Emre
- EV1007 Pneumococcal infections in neonatal period**  
A. Skoczynska, A. Kuch, I. Wasko, E. Sadowy, P. Ronkiewicz, M. Markowska\* (Warsaw, Poland), W. Hryniewicz
- EV1008 Prevalence of hepatitis E virus in Portugal a study in wild animals and farm-reared pigs**  
D. Gonçalves\* (Coimbra, Portugal), J. Pereira-Vaz, R. Da Costa, V. Bandeira, C. Fonseca, A. Donato, C. Luxo, A. Matos
- EV1009 An increasing trend of enterovirus meningitis as apparent from routine clinical diagnostic testing in a Midlands population, UK, 2012-2014**  
S.S.F. Koo\* (Leicester, United Kingdom), C.W. Holmes, J.W. Tang
- EV1010 Adult measles during an outbreak**  
S. Senbayrak, S. Erol\* (Istanbul, Turkey), S.C. Ozyurek, G. Bac, O. Barkay, D. Ozturk Engin, I. Icel, S. Bolukcu, A. Inan, E. Karagul
- EV1011 Cytopenia in adult brucellosis patients: evaluation of 162 cases**  
S. Kaya, N. Elaldi, O. Deveci\* (Diyarbakir, Turkey), M. Bekcibasi, A.E. Eskazan, S. Hosoglu
- EV1012 Epidemiology of acute vertebral osteomyelitis: a cohort study in a tertiary care hospital**  
G. Mendez\* (Posadas- Misiones, Argentina), C. Niveyro, O. Sosa, C. Barros Martinez, E. Moreschi Aquino, D. Sartori
- EV1013 Serotype distribution of x-ray confirmed pneumococcal community-acquired pneumonia in Greece**  
M. Gaga, D. Menegas\* (Athens, Greece), K. Gourgoulisanis, V. Ioannidis, V. Filaditaki, U. Anagnostopoulou, D. Antoniou, S. Bousmoukilia, A. Rapti, A. Chaniotou, E. Georgatou Papageorgiou, H. Moraitou, D. Bouros, G. Tatsis, G. Poulakou, D. Veldekis, G. Kouppari, E. Petinaki, V. Tsekouras, H. Giamarellou
- EV1014 Elderliness and spondylodiscitis: review of 29 cases**  
G. Sengoz, A. Sengoz, F. Pehlivanoglu\* (Istanbul, Turkey), C. Bilgili, S. Akkaya
- EV1015 Point-of-care testing for urinary tract infection in primary care (POETIC) study: a randomized controlled trial of Flexicult™ point-of-care urine culture**  
E. Thomas-Jones, J. Bates, T. Pickles, N. Kirby, M. Gal, K. Hood, N. Francis, P. Little, C. Llor, T. Verheij, D. Cohen, M. Wootton, R. Howe, C. Butler\* (Cardiff, United Kingdom)
- EV1016 Aetiological structure and clinical peculiarities of phlegmon in Georgia**  
M. Javakhadze\* (Tbilisi, Georgia), T. Tkhilaishvili, E. Gozadze, N. Manjgaladze, M. Kachlishvili
- EV1017 Investigation of rotavirus, adenovirus, norovirus and astrovirus in children with acute gastroenteritis and evaluation of epidemiological features**  
Z.G. Sonmez Tamer\* (Kocaeli, Turkey), S. Oncel
- EV1018 Resistance profiles and genotypes of community-acquired staphylococcal strains isolated from skin and soft tissue infections**  
S. Ermertcan, M. Hosgor Limoncu, A. Turel Ermertcan, B. Erac, F.F. Yilmaz, I. Ozturk\* (Izmir, Turkey), F. Ozturk

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## EV35

## ePoster Viewing Stations

## ePoster Area

e-POSTER VIEWING:  
Respiratory infections

- EV1019 Risk factors and outcomes for patients with carbapenem-resistant *Acinetobacter baumannii* bacteraemia**  
H. Chen\* (Beijing, China), H. Wang, C. Zhao, Q. Wang, X. Wang, Y. Zhang, H. Li, F. Zhang, Z. Wang
- EV1020 The prevalence of bacterial vaginosis and candidiasis in postmenopausal women**  
I. Hadji Petrusheva Meloska\* (Skopje, Macedonia), K. Icev, B. Jaglikovski, A. Hadji-Petrusheva Jankijevikj, B. Curcic-Trajkovska
- EV1021 Epidemiology of bacterial meningitis in Cagliari Infectious Diseases Unit 2004-2013**  
G. Angioni\* (Cagliari, Italy), O. Pilia, M. Motzo, C. Bolliri, S. Piga
- EV1022 Comparative evaluation of two different automated instruments (Sysmex UF1000 and Diesse Plus Finder++) for the microbiological screening of urine specimens**  
A. Cellini\* (Pievesestina, Italy), M.F. Pedna, M. Meloni, V. Sambri
- EV1023 Anogenital warts in Bagcilar region**  
K. Türker\* (Istanbul, Turkey), B. Tas, E. Balci
- EV1024 Antibiotic therapy for diabetic foot infections in a tertiary care hospital in Turkey**  
M.C. Sonmezer, N. Tulek\* (Ankara, Turkey), G. Ertem, F.S. Erdinc
- EV1025 Antimicrobial resistance profiles in outpatient paediatric urinary tract infections**  
A.V.C. Slavcovici\* (Cluj-Napoca, Romania), A. Radulescu, N. Sasca
- EV1026 Epidemiology of Mediterranean spotted fever in Cagliari Infectious Diseases Unit in the years 2006-2013**  
G. Angioni\* (Cagliari, Italy), O. Pilia, C. Bolliri, M. Motzo, S. Piga
- EV1027 Evaluation of influenza vaccination services and users' perception about its utility: a study in a community pharmacy in Lisbon, Portugal**  
F. Costa, B. Matias, P. Cavaco-Silva\* (Monte Caparica-Almada, Portugal)

- EV1028 Identification of the multi-components DNA uptake system of naturally transformable *Legionella pneumophila* using transcriptomic analysis**  
P. Juan\* (Villeurbanne, France), X. Charpentier

- EV1029 Antibody cocktail effectively treats pertussis in a baboon disease model**  
J. Maynard\* (Austin, TX, United States), A. Nguyen, E. Wagner, J. Laber, L. Goodfield, W. Smallridge, E. Harvill, J. Papin, R. Wolf, E. Padlan, S. Connelly, A. Bristol, M. Kaleko

- EV1030 Spontaneous identification of *Bordetella bronchiseptica* in a baboon colony: potential ramifications for *Bordetella pertussis* modelling**  
M. Kaleko\* (Rockville, MD, United States), A. Nguyen, E. Wagner, J. Laber, L. Goodfield, W. Smallridge, E. Harvill, J. Papin, R. Wolf, E. Padlan, S. Connelly, A. Bristol, J. Maynard

- EV1031 Epidemiology of invasive *Haemophilus influenzae* disease in Europe, 2007-2013**  
R. Whittaker\* (Stockholm, Sweden), A. Economopoulou, J. Gomes Dias, L. Pastore-Celentano, I.H.I. ECDC country experts

## EV36

## ePoster Viewing Stations

## ePoster Area

e-POSTER VIEWING:  
Severe bacterial infections

- EV1032 Bacteriological study of diabetic foot infections**  
S. Baka, I. Tsouma, E. Logothetis, V. Gennimata, E. Kouskouni\* (Athens, Greece)
- EV1033 A 10-year retrospective epidemiological survey of anaerobic bacteraemia reveals a decreasing trend in infections**  
S. De Keukeleire\* (Jette, Belgium), I. Wybo, K. Vandoorslaer, D. Piérard
- EV1034 Periprosthetic knee infection due to *Pasteurella multocida*: the cat was guilty!**  
C. Dupieux\* (Lyon, France), T. Mouton, H. Salord, C. Roure-Sobas, C. Chidiac, S. Tigaud, T. Ferry, S. Lustig, F. Laurent

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**EV1035 Risk assessment of infective endocarditis in psoriasis patients, impact of gender and disease severity: a cohort study from Danish nationwide registries**

*T. Lauridsen\* (Copenhagen, Denmark), L.E. Bruun, O. Ahlehoff, C. Torp-Pedersen, G. Gislason, N.E. Bruun*

**EV1036 Infective endocarditis in the elderly**

*R. Núñez Aragón\* (Badalona, Spain), L. Mateu Prunonosa, M.L. Pedro-Botet, L. Llobera, N. Vallejo, S. Molinos, M.D. Quesada, E. Berastegui, N. Sopena, C. Pacho, V. Isernia, M. Sabrià*

**EV1037 Predictors of 30-day readmission following discharge of patients hospitalized with bacteraemia: a population-based cohort study**

*M. Søgaard\* (Aarhus, Denmark), H. Schønheyder, J.D. Knudsen, C. Østergaard, A. Magnus, K.O. Gradel*

## EV37

### ePoster Viewing Stations

### ePoster Area

## e-POSTER VIEWING: Vaccines

**EV1038 Genetic stability of tick-borne encephalitis strain "205" used for vaccine "EnceVir" production**

*G. Ignatyev\* (Moscow, Russia), M. Vorob'eva, N. Netesova, A. Alena*

**EV1039 The clinical usefulness of the follow-up test for anti-HBs titer 4 weeks after the first dose of hepatitis B vaccine in Korea**

*J. Lee\* (Iksan, Korea), J. Cho*

**EV1040 Aetiology of acute otitis media with tympanic perforation in an optional heptavalent pneumococcal conjugate vaccine (PCV7) use environment**

*R. Villar-Hernández\* (Badalona, Spain), M. Gomes, A. Lacoma, T. De Francisco, C. Rodrigo, N. Pagan, J. Domínguez, V. Ausina, C. Prat*

**EV1041 Nanoparticles loaded with extracts of *Brucella abortus* vaccine (strain RB51) are effective against *Brucella melitensis* in mice**

*M. Simarro\* (Valladolid, Spain), S. Rodriguez Rojo, R. Carretero, M.A. de la Fuente, M.A. Bratos, G. March Roselló, A. Cubero, M.J. Cocero, A. Orduna Domingo*

**EV1042 Development of combined virus-bacterial vaccine based on attenuated influenza A virus and recombinant group B *Streptococcus* polypeptides**

*Y. Desheva\* (St. Petersburg, Russia), G. Leontieva, T. Kramskaya, T. Smolonogina, K. Grabovskaya, L. Rudenko, A. Suvorov*

**EV1043 Russian mumps vaccine safety**

*A. Atrasheuskaya\* (Moscow, Russia), G. Ignatyev*

**EV1044 Vaccination of hepatitis B in healthy adults: effect of sex and age, two protocols of revaccination in nonresponders**

*J. Choucair\* (Beirut, Lebanon), S. Zaki*

**EV1045 Influenza vaccination among diabetes mellitus patients in Korea: the Korea National Health and Nutrition Examination Survey**

*N.R. Yun\* (Gwangju, Korea), D. Kim, M.A. Han*

**EV1046 Rotavirus vaccination in Northern Ireland but not the Republic of Ireland: a comparison of rotavirus disease activity in two regions on the Island of Ireland**

*G. Armstrong\* (Belfast, United Kingdom), P. Cabrey, N. Gallagher, R. Smithson*

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*A. Van Deursen\* (Utrecht, Netherlands), E. Sanders, C. Webber, M. Patton, D. Scott, S. Patterson, S. Sebastian, M. Bonten*

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*Y.H. Choi\* (London, United Kingdom), H. Campbell, G. Amirthalingam, E. Miller*

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*M. Bolkenbaas\* (Utrecht, Netherlands), S.M. Huijts, C.H. Van Werkhoven, F.R. Leus, M.J.M. Bonten*

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*M. Chaturvedi\* (New Delhi, India), S. Sarma*

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*M.J. Kim, J.Y. Kim\* (Seoul, Korea), S.H. Baik, J.Y. Song, Y.H. Choi, D.M. Kim, I.K. Bae, Y.K. Kim, W.S. Choi, B.C. Chun*

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*E. Kaya Kiliç, M.C. Sönmezer, C. Bulut\* (Ankara, Turkey), S. Kinikli, A.P. Demiröz, N. Eren Tülek*

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*V. Stefanovic\* (Novi Sad, Serbia), S. Stefanovic, V. Stefanovic*

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- EV1055 Serum levels of soluble CD26, a novel prognostic marker for acute hepatitis E infection**  
A. Rafiei\* (Sari, Iran), A.M. Mirabi
- EV1056 Reactivation of an occult hepatitis B with negative core antibody: a clinical case**  
A. Silva-Pinto\* (Porto, Portugal), J. Andrade, F. Araújo, L. Santos, A. Sarmento
- EV1057 Real-life effectiveness of peginterferon alpha 2B plus ribavirin in a Canadian cohort of treatment-naïve chronic hepatitis C patients with genotypes 2 or 3**  
P. Marotta, R. Bailey, M. Elakashab, J. Farley, S.V. Feinman, K. Peltekian, M. Poliquin, J. Robert, L. Scully, H. Witt-Sullivan, E. Rampakakis, M. Drolet\* (Kirkland, Canada), C. Cooper
- EV1058 Defective HBsAg as risk factor for HBV reactivation in kidney transplant**  
S.G. Parisi\* (Padova, Italy), A. Berto, M. Basso, M. Pacenti, P. Feltracco, G. Bonaccorso, G. Feltrin, C. Rago, T. De Feo, A. Piazza, S. Andreis, F. Dal Bello, D. Sgarabotto, G. Palu'
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M.F. Lopez Fabal\* (Madrid, Spain), N. Sanz, A. Avellon, E. Segura, J.L. Gómez Garcés
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C. Sultana, C. Oprea, I. Ianache, A. Rosca\* (Bucharest, Romania), C. Dita, C. Grancea, S. Ruta
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F. De Conto\* (Parma, Italy), A. Fazzi, M.C. Medici, M.C. Arcangeletti, F. Pinardi, F. Ferraglia, C. Chezzi, A. Calderaro
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- EV1072** **Comparative genome analysis of novel hepatitis E virus genotype**  
*T. Li\* (Hong Kong, China)*
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*Y. Zagryadskaya\* (Nizhny Novgorod, Russia), O. Fedorova, I. Sharipova, S. Klimashevskaya, A. Obriadina, N. Khodak, V. Puzyrev, A. Burkov, T. Ulanova*
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*M. Ebunoha\* (Craiova, Romania), A.F. Rosu, B. Sevastiana, J.V. Diogo, R.M. Plesea, O. Zlatian, G.A. Matei, E. Popescu, C. Schiopescu, L. Rosu*
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*H. Sang Taek\* (Jeju-si, Korea)*
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*E. Dervovic\* (Sarajevo, Bosnia and Herzegovina), I. Salimovic-Besic, M. Seremet, Z. Knezevic, A. Dedic-Ljubovic, M. Hukic*
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*J.Y. Heo\* (Cheongju, Korea), J.Y. Noh, H.W. Jeong, H.W. Kim, K. Choe, H.J. Cheong*
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*A. Ramezani\* (Tehran, Iran), A. Sharif, M.R. Sharif, A. Aghakhani, R. Hamkar, N. Ghavami, A. Eslamifar, M. Banifazl*

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*F. Temoçin\* (Yozgat, Turkey), T. Sari*
- EV1089** **Differences between enterovirus populations circulating in the northern and southern regions of Madagascar**  
*R. Razafindratsimandresy\* (Antananarivo, Madagascar), M. Joffret, S.N. Andriamamonjy, S. Rabemanantsoa, J. Heraud, F. Delpeyroux*
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*C.C. Bulik\* (Latham, NY, United States), C.R. Rayner, J.P. Hammel, P.F. Smith, A. Forrest, S.A. VanWart, M.A. Kamal, J.R. Smith, P.G. Ambrose, S. Bhavnani*

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C.C. Bulik\* (Latham, NY, United States), C.R. Rayner, J.P. Hammel, P.F. Smith, A. Forrest, S.A. VanWart, M.A. Kamal, J.R. Smith, P.G. Ambrose, S. Bhavnani
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F. Rossi\* (Rome, Italy), S.D. Newsome, G. Antonelli, D. Rivanera, R. Viscidi
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- EV1098 Genetic evolution of human enteroviruses circulating in Thailand during 2006 to 2014**  
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- EV1101 Association of viral load levels with laboratory parameters in Crimean-Congo haemorrhagic fever**  
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Y. Lin\* (Keelung, Taiwan), H.L. Liu, J. Lin, P. Lu, K.L. Lin
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J. Dunaj, A. Moniuszko\* (Bialystok, Poland), J. Zajkowska, M. Kondrusik, S. Grygorczuk, P. Czupryna, R. Swierzbinska, S. Pancewicz
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*J. Prasertsopon\* (Bangkok, Thailand), H. Lerdsamran, A. Mungaomklang, K. Nateerom, D. Oddgun, S. Iamsirithaworn, R. Buathong, P. Puthavathana*
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*Z.G. Sonmez Tamer\* (Kocaeli, Turkey)*

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- EV1120 Association between IL28B rs12979860 genotypes and susceptibility to HCV and/or HIV infection in Caucasian intravenous drug users**  
*M. Pauskar\* (Tartu, Estonia), R. Avi, E. Kallas, E. Jõgeda, T. Karki, A. Uusküla, D. Des Jarlais, I. Lutsar, K. Huik*
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*R.G. Ursu, M. Onofriescu, A. Luca, D. Senciuc\* (Iasi, Romania), L.J. Prisecariu, L.S. Iancu*
- EV1122 The Estonian HIV cohort study: participant characteristics over time**  
*P. Soodla\* (Tartu, Estonia), I. Lutsar, H. Rajasaar, M. Maimets*
- EV1123 The distribution of TEMRA cells is influenced by HIV, HBV, HCV infections and intravenous drug use**  
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|                           |                   | eP02: Presentations 2: Fungal infections: diagnosis and management                  | <b>3</b> |
|                           |                   | eP03: Global epidemiology of pneumonia                                              | <b>5</b> |
|                           |                   | eP04: Improving molecular diagnosis of blood-borne infections                       | <b>6</b> |
|                           |                   | eP05: Controlling MDR Gram-negative bacteria                                        | <b>7</b> |
| <b>Sunday, 26 April</b>   | 13:00 – 14:00     | eP06: Diagnostics of bloodstream infection                                          | <b>1</b> |
|                           |                   | eP07: Molecular epidemiology of ESBL and carbapenemase-producing Enterobacteriaceae | <b>2</b> |
|                           |                   | eP08: Fungal epidemiology today                                                     | <b>4</b> |
|                           |                   | eP09: Understanding staphylococcal pathogenesis and evolution                       | <b>5</b> |
|                           |                   | eP10: Environment and healthcare-associated infections                              | <b>6</b> |
|                           |                   | eP11: Prosthetic joints, heart surgery and neurosurgery - infection is the link!    | <b>8</b> |
| <b>Monday, 27 April</b>   | 13:00 – 14:00     | eP12: Testing MDR: Gram-negatives                                                   | <b>1</b> |
|                           |                   | eP13: Urine sampling for infection diagnostics                                      | <b>2</b> |
|                           |                   | eP14: Pneumonia: the right diagnosis and treatment                                  | <b>3</b> |
|                           |                   | eP15: Viral infections: from the lab to the clinic                                  | <b>4</b> |
|                           |                   | eP16: Experimental pathogenesis and treatment                                       | <b>5</b> |
|                           |                   | eP17: Investigator-initiated trials of optimized antibacterial therapy strategies   | <b>6</b> |
|                           |                   | eP18: Tropical and travel-associated infectious diseases                            | <b>7</b> |
| <b>Tuesday, 28 April</b>  | 12:30 – 13:30     | eP19: Testing MRSA                                                                  | <b>1</b> |
|                           |                   | eP20: Here, there and everywhere: epidemiology of Gram-negatives                    | <b>2</b> |
|                           |                   | eP21: Infections in patients with cancer and/or stem cell transplantation           | <b>3</b> |
|                           |                   | eP22: Combating biofilm-related infections                                          | <b>4</b> |
|                           |                   | eP23: Reducing inappropriate antibiotic use is a priority                           | <b>6</b> |
|                           |                   | eP24: New MALDI-TOF applications                                                    | <b>8</b> |

Electronic versions of posters, submitted by the presenter for publication can be viewed in the Online Lecture Library of ESCMID

([www.escmid.org/oll](http://www.escmid.org/oll)).

# Instructions for Speakers and Authors

## Poster Sessions

Poster will be displayed for one full day only. The presence of the authors during the given presentation times is a MUST. The times set for poster mounting and removal must be considered. All posters left hanging beyond the given removal times will be disposed of.

**Presenters are requested to stand by their poster during the Presentation Time allocated to them in the acceptance email.**

| Date of poster session    | Session | Poster mounting time | Presentation time    | Poster removal time | Posters to be presented | Poster board numbers |
|---------------------------|---------|----------------------|----------------------|---------------------|-------------------------|----------------------|
| <b>Saturday, 25 April</b> | I       | 13:30 – 12:00        | <b>16:30 – 15:30</b> | 18:00 – 17:00       | P0001 – P0280           | 280 - 1              |
| <b>Sunday, 26 April</b>   | II      | 09.00 – 08.00        | <b>13:30 – 12:30</b> | 18.15 – 17.00       | P0281 – P0502           | 222 – 1              |
| <b>Sunday, 26 April</b>   | III     | 09.00 – 08.00        | <b>14:30 – 13:30</b> | 18.15 – 17.00       | P0503 – P0716           | 436 – 223            |
| <b>Monday, 27 April</b>   | IV      | 09.00 – 08.00        | <b>13:30 – 12:30</b> | 18.15 – 17.00       | P0717 – P0931           | 215 – 1              |
| <b>Monday, 27 April</b>   | V       | 09.00 – 08.00        | <b>14:30 – 13:30</b> | 18.15 – 17.00       | P0932 – P1153           | 437 – 216            |
| <b>Tuesday, 28 April</b>  | VI      | 09.00 – 08.00        | <b>13.30 – 12.30</b> | 16.00 – 15.00       | P1154 – P1437           | 284 – 1              |

Electronic versions of posters, submitted by the presenter for publication can be viewed in the Online Lecture Library of ESCMID ([www.escmid.org/oll](http://www.escmid.org/oll)).

## ePoster Viewing

ePosters have been divided in 40 thematical sessions which will be displayed all 4 congress days on 50 ePoster stations within the Bella Center, on the mobile website and application of the congress. The new ePoster format will give participants the possibility to interact with presenters and send the ePoster by email.

# Networking Event

## Opening Ceremony

The traditional Opening Ceremony will be held on Saturday, 25 April 2015 at 19:00 in Hall A of the Bella Center.

All participants and exhibitors are invited to attend. You are kindly requested to wear your badge.

### Opening programme:

- 19:00 Greetings
- 19:10 Welcome by the ESCMID President,  
**Murat Akova**
- 19:20 Welcome by the ECCMID Programme Director,  
**Winfried V. Kern**
- 19:30 Performance by **Tina Dickow**



Tina Dickow (or Tina Dico as she is known outside Denmark) is by far the most popular singer/songwriter in Denmark. She has received numerous awards and music prizes throughout her career and her tours are sold out months in advance. She has been working with The National Chamber Orchestra and several other Danish top artists. Amongst the many albums she has released, there are also two soundtracks to highly popular films.

- 20:00 Invitation by the ESCMID President and ECCMID Programme Director to enjoy the Networking Reception with food and music in the Foyers of Hall A.

## Networking Reception

After the Opening Ceremony all participants and exhibitors are invited to attend the Networking Reception, giving you a taste of Copenhagen. The reception will be held in the Foyers.

The Opening Ceremony and the Networking Reception are included in the registration fee.



**Visit us**

**at the**

**ESCMID World!**

We are welcoming you also during the Networking Evening!

 **ESCMID** EUROPEAN SOCIETY OF CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES



# General Information (in alphabetical order)

## App

Navigate through the entire 25th ECCMID programme from your iPhone, iPad and Android. View sessions by day and category, access the abstracts being presented, locate exhibitors through the interactive map and directory, interact with the speakers in dedicated sessions and create your own schedule to fully exploit your congress experience.

## Badges

All participants and exhibitors are required to wear their badges throughout the congress.

### Color Code:

|              |             |                      |
|--------------|-------------|----------------------|
| ■ Committees | ■ Exhibitor | ■ Exhibition Visitor |
| ■ Faculty    | ■ Media     | ■ Staff              |

## Cameras and Recordings

Any kind of electronic recording as well as taking photographs are prohibited in all lecture halls during all sessions.

## Certificates of Attendance / CME

From the afternoon of Monday, 27 April 2015 onwards, certificates of attendance can be printed at self-service stations in the registration area, using the barcode on your name badge.

## Cloakroom / Left Luggage

A cloakroom will be available at the Bella Center.

## Currency

All official congress prices are indicated in Euro (€). The official currency in Copenhagen is the Danish Krone (DKK). All major credit cards are accepted in most hotels, restaurants and shops. Exchange rates are available on: [www.oanda.com/currency/converter](http://www.oanda.com/currency/converter)

## ESCMID World

During the congress, ESCMID staff will be happy to answer your questions at their booth located in the Foyer.

## European Network Corner

The European Network Corner is located next to the ESCMID World. Study groups, networks, organizations, collaborative centres and project groups active in the fields of clinical microbiology and infectious diseases present their activities. Posters will be on display and electronic versions thereof can be found in the congress app. Learn more about these initiatives and meet individuals involved in these groups.

## Exhibition

A commercial and industrial exhibition will take place within the framework of the congress. Please refer to the List of Exhibitors in the exhibitor's guide for further information.

The Exhibition will be open as follows:

|                         |               |
|-------------------------|---------------|
| Saturday, 25 April 2015 | 12:00 – 18:45 |
| Sunday, 26 April 2015   | 09:00 – 17:30 |
| Monday, 27 April 2015   | 09:00 – 17:30 |
| Tuesday, 28 April 2015  | 09:00 – 15:30 |

## Integrated Symposia

For the list of Integrated Symposia and session details, please refer to the Integrated Symposia and Exhibition Guide.

## Internet

See Social Media Lounge

## Liability and Insurance

The organizer is not able to take any responsibility whatsoever for injury or damage involving persons and property during the congress. Participants are advised to take out their own personal travel and health insurance for their trip.

## Language

The official language of the congress is English. Simultaneous translation will not be provided.

## Mobile Phones

Please be aware that mobile phones must be switched off during all sessions.

## Photography

Taking photographs and electronic recordings are prohibited in all lecture halls during all sessions.

## Press

The press centre will be located in the foyer of the Bella Center. There will be a well-equipped media centre with PC workstations (internet connected) and printers.

## Publication – ESCMID Online Lecture Library

All accepted abstracts and submitted electronic versions of posters are published in the ESCMID Online Lecture Library. There is no printed abstract book or CD available. In addition, selected sessions will be recorded and made available to congress participants. All on-site material will be available at the ECCMID Live! terminals in the ESCMID World. You can also visit the ESCMID website at [www.escmid.org/DLL](http://www.escmid.org/DLL) to access the Online Lecture Library.

## Registration Desk

The onsite registration desk will be open as follows:

|                         |                     |
|-------------------------|---------------------|
| Friday, 24 April 2015   | 14:00 – 19:00 hours |
| Saturday, 25 April 2015 | 07:00 – 18:30 hours |
| Sunday, 26 April 2015   | 07:00 – 18:00 hours |
| Monday, 27 April 2015   | 07:00 – 18:00 hours |
| Tuesday, 28 April 2015  | 07:00 – 15:30 hours |

## Responsibility

The participant acknowledges that he/she has no right to lodge damage claims against the organizers should the holding of the congress be hindered or prevented by unexpected political or economic events or by *force majeure*, or should the non-appearance of speakers or other reasons necessitate programme changes. By registering, the participant accepts this proviso.

# General Information (in alphabetical order)

## Smoking Policy

There is a strict non-smoking policy throughout the Bella Center.

## Social Media Lounge

Internet terminals for all delegates are located in the Social Media Lounge in the exhibition hall and are available during exhibition hours. Free WiFi will be available throughout the congress venue. No user name and password is needed. The network name is ECCMID2015.

## Travel within Copenhagen

### Travel Passes

Unlimited public transportation: Metro, bus and train\*

Available for ECCMID participants from 24 – 28 April 2015

Receive a 70 % discount on Copenhagen public transportation. The discount can be purchased online and is delivered as an SMS ticket on your mobile phone. You can buy your Travel Pass today and have it delivered on the day of your arrival.

To order your Travel Pass Ticket please visit:

<http://projects15.unwire.com/eventticket/travelpass.html?id=217>

#### Advantages

- Unlimited public transportation for approximately 5 Euros per day
- Airport to city transportation included
- Easy online ordering

\*Notice: This offer is only valid for online ordering and requires a minimum of 2 days

### How to Reach the Congress Venue by Public Transportation

Bella Center is just a 10 – 15 minutes taxi drive from Copenhagen Central Station. From Copenhagen Central Station you can also get to Bella Center in 20 – 25 minutes by taking bus line 30. All regional trains also stop at Ørestad Station, where you can transfer to the Metro.

For more information: [www.moviatrafik.dk/dinrejse/tourist/english-tourist/pages/english-tourist.aspx](http://www.moviatrafik.dk/dinrejse/tourist/english-tourist/pages/english-tourist.aspx)

## Metro

More information available at [www.m.dk](http://www.m.dk)

The Metro line M1 runs between Vanløse and Vestamager (West Amager). The Bella Center Metro Station is located next to Bella Center's East Entrance

## Taxi

A taxi from Bella Center to the city centre costs about DKK 200.

### Taking a Taxi from the Airport

A taxi from Copenhagen Airport to Bella Center costs about DKK 150 – 200.

Bella Center is just a 10 minutes taxi drive from Copenhagen Airport Kastrup (estimated price: DKK 150 – 200) Free shuttle buses are offered from the airport to the venue. A regional train runs from the airport to Ørestad Station.

## Train

Information and ticket reservation via DSB (Danske Statsbaner - Danish State Railways).

## Bus

Information on bus schedules can be found on the transport company website: [www.movia.dk](http://www.movia.dk)

- Bus line 30  
Runs between Vesterport Station (via the central station) and Bella Center.
- Bus line 4A  
Runs from Svanemøllen Station to Sundbyvester Plads via Valby Station and Sjælør Station.
- Bus line 250S  
Runs from Buddingevej via Forum Station and Copenhagen Central Station to Bella Center.

## Venue

Bella Center Copenhagen  
Center Boulevard 5  
Copenhagen, Denmark  
[www.bellacenter.dk](http://www.bellacenter.dk)



## 26th ECCMID

9 – 12 APRIL 2016  
ISTANBUL, TURKEY

ICC–Istanbul Congress Center

## 27th ECCMID

22 – 25 APRIL 2017  
VIENNA, AUSTRIA

Reed Messe Vienna

# Forthcoming Events

## Postgraduate Education Courses and Workshops

Receive state-of-the-art knowledge from expert educators. Gather hands-on experience in your field of interest. Discuss your work with senior and peer colleagues.

6 – 8 May 2015 **Indigenous Parasitic Diseases in Europe**  
Pavia, Italy  
ESCMID Postgraduate Technical Workshop

8 – 9 May 2015 **Management of Infections in the Critically Ill Patients: a Hands-on Course on Current Challenges and Future Directions**  
Grado, Italy  
ESCMID Postgraduate Education Course

11 – 12 Jun 2015 **Educational Programme on Transplant Virology**  
Lausanne, Switzerland  
ESCMID Postgraduate Education Course

2 – 4 Sep 2015 **Clostridium Difficile: Practical Aspects of Diagnostics, Typing and Comparative Genomics**  
Maribor, Slovenia  
ESCMID Postgraduate Technical Workshop

2 – 4 Sep 2015 **Improving Patient Safety: the Neglected Impact of Age and Gender**  
Barcelona, Spain  
ESCMID Postgraduate Technical Workshop

24 – 25 Sep 2015 **Moving Antimicrobial Stewardship Forward in Special Population Settings**  
Ferney-Voltaire, France  
ESCMID Postgraduate Education Course

24 – 26 Sep 2015 **Carbapenemases in Enterobacteriaceae: Challenges and Preparedness**  
Verona, Italy  
ESCMID Postgraduate Education Course

7 – 9 Oct 2015 **Rapid NGS for Identification and Typing of ESBL and CRE**  
Groningen, Netherlands  
ESCMID Postgraduate Technical Workshop

20 – 22 Nov 2015 **Microbiology for Diagnosis of Infectious Diseases: ABC and XYZ**  
Beijing, China  
ESCMID Postgraduate Education Course

29 Nov – 1 Dec 2015 **Improving the Dosage of Old Antibiotics**  
Nijmegen, Netherlands  
ESCMID Postgraduate Education Course

## ESCMID Summer School

An intense one-week course covering diverse topics in the infection field. The high faculty-student ratio and the high level of interactivity make it so popular.

4 – 11 Jul 2015 **14th ESCMID Summer School**  
Istanbul, Turkey

## ESCMID Conferences

Get the latest news about your field of work delivered from selected experts. Exchange ideas with your colleagues on hot topics.

9 – 12 Mar 2016 **ESCMID-ESGEM Conference**  
11th International Meeting on Microbial Epidemiological Markers  
*'Navigating Microbial Genomes: Insights from the Next Generation?'*

## Future ECCMIDs

9 – 12 Apr 2016 **26th ECCMID**  
Istanbul, Turkey

22 – 25 Apr 2017 **27th ECCMID**  
Vienna, Austria

21 – 24 Apr 2018 **28th ECCMID**  
To be announced

More detailed information  
can be found on the ESCMID website:  
[www.escmid.org](http://www.escmid.org)





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