



analytica China 2010

15 – 17 SEPTEMBER 2010
SHANGHAI NEW INTERNATIONAL
EXPO CENTRE

5th International Trade Fair for Laboratory Technology, Analysis, Biotechnology and Diagnostics

All-Round Solution for Analysis, Biotechnology and Laboratory Technology

analytica China is the Chinese market's spin off event of analytica, the world's largest trade show and networking platform for analysis, laboratory technology and biotechnology where business is initiated and advanced. Every two years analytica China is held in Shanghai, where the market leaders and innovative startups present the entire range of solutions. That makes analytica China a key source of momentum for exhibitors and trade visitors alike. Together with the analytica China Conference, which takes place at the same time as the fair, it is a must attend event and a highlight for the entire industry

analytica China is targeted at the rapidly-growing analysis and bio-technology market in China. Since its successful debut in 2002, analytica China has now grown to be one of the most important trade shows for analysis, laboratory technology and biotechnology.

The success of analytica China benefits largely from the prosperity of the Chinese market, where people are paying more attention to quality of life and health, and public investment have increased greatly in environmental protection, pharmacy, public health, life science, food safety and fundamental researches. Moreover, the world market has gradually raised their requirements on Chinese exports, including analysis and testing instruments, as the country integrates better into international trading, and demands for such products are also increasing at rapid paces, offering great chances for the industry as well as analytica China.

From 15-17 September 2010, analytica China 2010 will again make history in every aspect at Shanghai New International Expo Centre. The trade show will occupy Hall W1 and W2 - altogether over 20,000m², and host more than 400 exhibitors from home and abroad, with more than 15,000 visitors expected to participate at the trade show.

This year, analytica China will again focus on new products and solutions in analysis; measure and testing; biopharmaceutical; life sciences; laboratory construction; and reagents and consumables, and their application in five important areas: food safety; environmental protection; public health; biopharmacy; and education and research. On the other hand, Germany, UK and Japan will build up large national pavilions that feature the latest trend and leading technologies in laboratory technology, analysis and diagnosis to serve the industry.

In supplement to the excellent product and solutions exhibitions, a series of high-quality conference programs are to be held concurrently with analytica China 2010, among them are the analytica China Conference organised by China Chemical Society (CCS), the Proteomics and Diseases Conference 2010 hosted by China Human Proteome Organisation (CNHUPO), Sino-German Symposium, and a series of workshops that cover pre-treatment techniques, metabolomics methods and laboratory certification. More than 130 speeches will be given by over 100 renowned experts from all over the world to make the most important academic event.

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EXHIBITOR EXTRACT

Analysis Instrument: Agilent, Shimadzu, Analytik Jena, Jasco, PerkinElmer, Beijing Titan Instruments, Shanghai Precision & Scientific Instrument, Shanghai Phenix Optical Scientific Instrument, Metrohm CHINA, Horiba, Unicmicro (Shanghai)

Laboratory Construction: Ultra Labs, Beijing Synergy, L.B.T. (Shanghai) Laboratory Equipment, Labone Laboratory Design, Trespa China, Shanghai Esco Biotechnology

General Laboratory Instrument: Eppendorf China Limited, Mettler Toledo, Sartorius Scientific Instruments, Kunshan Ultrasonic Instruments, Siemens Ltd China, Haier Medical and Laboratory Products, Brand, IKA, Biohit Biotech, Dragon Medical (Shanghai), Hamilton Bonaduz AG Shanghai Rep. Office, Buchi Laboratory Equipment, Miele (Shanghai), Belimed Medical Equipment, Verder Retsch China

Biotechnology: Agilent, Merck, PerkinElmer, Sigma-Aldrich, Capital Bio Corporation

Life Science: Eppendorf China Limited, Agilent, Merck, PerkinElmer, Capital Bio Corporation, Analytik Jena, Tecan (Shanghai), Bibby Scientific, Tescan China, Eastwin Life Sciences

Test & Measurement: Agilent, Sartorius Scientific Instruments, Shimadzu, Ocean Optics (Shanghai), Alpha M.O.S SA, Horiba, KEM, Shanghai Phenix Optical Scientific Instrument, Mettler Toledo, Anton Paar China, ErLab (China), PerkinElmer

Reagent & Expendable: Merck, Sigma-Aldrich, Sinopharm Chemical Reagent, Guangdong Guanghua Chemical Factory, Agilent, PerkinElmer, Westingarea Tech (China), Guangzhou Jet Bio - Filtration Products, Dalian Elite Analytical Instrument, Eppendorf China Limited, Phenomenex, Spectrum China, Heraeus Noble Light GmbH Shanghai Office, Shanghai Anpel Scientific Instrument



ACCOMPANYING CONFERENCES

Fifth Shanghai International Symposium on Analytical Chemistry

The symposium focuses on developing of analytical chemistry technology and trends in the application such as pharmaceutical, food, and environmental protection industry. Chinese Chemical Society and Messe München International are the co-organisers, while the symposium is supported by Chinese Academy of Sciences, Technical University of Munich, Fudan University and Tsinghua University. For further information and a list of speakers visit: www.a-c.cn/ac/Conference/ccs/en/

Location: Hall W2, 15-16 September.

Symposium on Proteomics and Disease 2010

Organised by the China Human Proteome Organisation (CNHUPO) and presented by the Beijing Proteome Research Centre (BPRC) /Messe München International, the Symposium looks at the progress of study on the disease mechanism research and application of proteomics (see 'Agilent joins effort to promote proteomics' on facing page)

Location: Hall W2, Room W2-M9, 16-17 September.

FDA/EU Compliance for Quality Control Laboratories

The workshop is dedicated to quality and laboratory management and provides an excellent opportunity to middle and senior management of Pharmaceutical and API manufacturers to learn about FDA and EU requirements for Quality Control Laboratories. The workshop will give attendees the background to understand the requirements and even more importantly it will focus on strategies and provide tools to implement most critical requirements. Practical examples and interactive exercises will be dispersed into and between the presentations. About 50% of the total will be dedicated to practical sessions with life examples. The speaker is Ludwig Huber, Ph.D, Director for global FDA compliance at Labcompliance. Attendance fee for this two-day seminar is 200 EUR per person.

Location: Shanghai New International Expo Centre, 16-17 September

Tutorial 1: Sample preparation for LC-MS/MS analysis of small molecules in biofluids

Organised by the Laboratory of BioSeparation, Institute of Clinical Chemistry, Medical Center of the University of Munich, Germany, this course is dedicated to technicians and chemists responsible for method development, analytical chemists, laboratory supervisors and scientists in the biochemical, pharmaceutical and clinical setting but also in other fields. It will cover instrumentation, operational procedures and practical guidelines for processing of complex (bio)fluids. A focus will be on the integration of solid-phase extraction (SPE) into LC-systems coupled to tandem mass spectrometry.

Location: Hall W2, Room W2-M2, 17 September.

Tutorial 2: Metabolomic Approach for Biotechnology and Life Sciences

Metabolomic, as the comprehensive study of metabolic reactions is growing very rapidly and integrates the knowledge of earlier developed omics-branches such as genomics, transcriptomics and proteomics. The presentations will cover: definition, targeted versus non-targeted approaches; instrumental analytics in metabolomics; bioinformatics/new needs for new tools; application in the field of life sciences and biotechnology; and roundtable discussions: metabolomics 'needs' and 'what next'? Analytical focus will be on ICR-FT/MS (Schmitt-Kopplin), NMR (Hertkorn), LC-MS²(Xu) and the statistical integration of the data (Lucio).

Location: Hall W2, Room W2-M2, 17 September.

Exhibitor Forum

Exhibitor forum during analytica China 2010 is an ideal platform for exhibitors to promote their latest techniques and new products. Organisers are expecting over 1,000 visits in two days' forum. Scope will be: food safety & genetically modified foods examination; drug & biotech products safety; environment quality control; and new tech forum.

Winners of analytica Research to Give Speeches at analytica China 2010

Scientists Professor Petra S. Dittrich, of the Organic Chemistry Laboratory at the Swiss Federal Institute of Technology in Zurich, and Dr Matthias Selbach, of the 'Cellular signal pathways and mass spectrometry' work group at the Max Delbrück Centre in Berlin-Buch, Germany, are this year's winners of the analytica Research Award.



The new winners of analytica Research that were awarded during analytica in March earlier this year, will go to analytica China on September 15, 2010 to share their new study results with the Chinese audience.



Chemist Professor Petra Dittrich (pictured above) develops credit card-sized chips with miniaturised lab components, using methods from both microtechnology and nanotechnology. Her goal is to create lab-on-a-chip systems that integrate all the functions of a large laboratory onto a plastic carrier, able to run even complex analyses simultaneously. "This could eliminate long wait times for lab results because blood samples or samples of other bodily fluids will be able to be analyzed and evaluated directly on site in doctors' offices," she explained.



Biologist Dr Matthias Selbach (pictured above) of the Max Delbrück Center for Molecular Medicine at Berlin-Buch, Germany, studies how cells control protein biosynthesis. He used a new marking method, the 'pulsed SILAC method' to show that so-called microribonucleic acids (microRNA) are vitally important to protein production in cells. To do this, the researcher and his team marked amino acids, the building blocks of proteins, with stable isotopes. The cells incorporated the marked amino acids into their proteins, and researchers then used a mass spectrometer to quantify the protein synthesis.

They will participate in the analytica China Conference to give scientific speeches. Professor Dittrich will talk about 'High Sensitive Bioanalysis of Microfluids Devices' and Dr M. Selbach will discuss 'Genome-wide Analysis of Protein Production and Turnover by Pulsed Stable Isotope Labeling (pSILAC)'.



400 Expo Tickets for analytica China Visitors

As important exhibitors at analytica China 2010 and leading multi-national enterprises of biotechnology, analysis instruments and life sciences, Eppendorf and PerkinElmer have registered large size booths to showcase their latest products and solutions tailored to the Chinese and Asian market.

PerkinElmer's entire family of products, technologies and solutions in environmental science, food safety, material processing, and life science will be exhibited at analytica China 2010. Meanwhile, apart from new products and technologies, Eppendorf will exhibit their pipettors launched in the 1960s and 1970s to give the visitors a renewed experience how the technological innovations motivates the researches.

At the opening of analytica China 2010 and the EXPO 2010, Eppendorf and PerkinElmer will provide 400 EXPO tickets to the visitors of analytica China 2010 as a bonus reward. Since April 1st, two EXPO tickets each day have been sent out to visitors pre-registered at www.a-c.cn. The organisers notified the awarding procedures to the winners in June. They also helped the winners make reservations and registration to conferences.

Agilent Joins Effort to Promote Proteomics

Proteomics studies represent the frontier of life sciences in China. A number of achievements are made in proteomics researches that come up to a world-leading level during the 11th 5-Year-Plan period, headed by Beijing Proteomics Research Center (BPRC).

In September 2009, the China Bio-technology Development Center, Ministry of Science organised in Shenzhen the Conference on Future Proteomics Studies Programs and started the next proteomics strategic programme in the 12th 5-Year-Plan, bringing about another opening for this promising field of study.

In order to promote proteomics studies, China Human Proteome Organisation (CNHUPO) is going to organise the Symposium on Proteomics and Disease 2010 during the analytica China trade show. The symposium will be carried out by BPRC and Messe Munich International.

Professor Qian Xiaohong, Technology Director of BPRC, will act as the chair of the symposium, and Academician He Fuchu from CNHUPO will be the Honourary Chairman. The discussions will centre on proteomics and its new and successful applications in disease studies. The distinguished speakers at the symposium include: Professor Chen Zhuchu, Director of Xiangya Hospital, Zhongnan University, Professor Yang Pengyuan, Department of Chemistry, Fudan University, Professor Zhao Xiaohang, Peking Union Medical College, and Professor Wei Kaihua, Professor Xu Ping and Associate Professor Jiang Ying from BPRC.

Agilent, the premium sponsor of the Symposium will offer their best support to the event. It will also exhibit at the concurrent analytica China all its instruments and products, including high-end apparatus in proteomics and disease studies as well as how Agilent is able to 'offer all-in-one service to users through advanced technologies and integrated solutions'.

