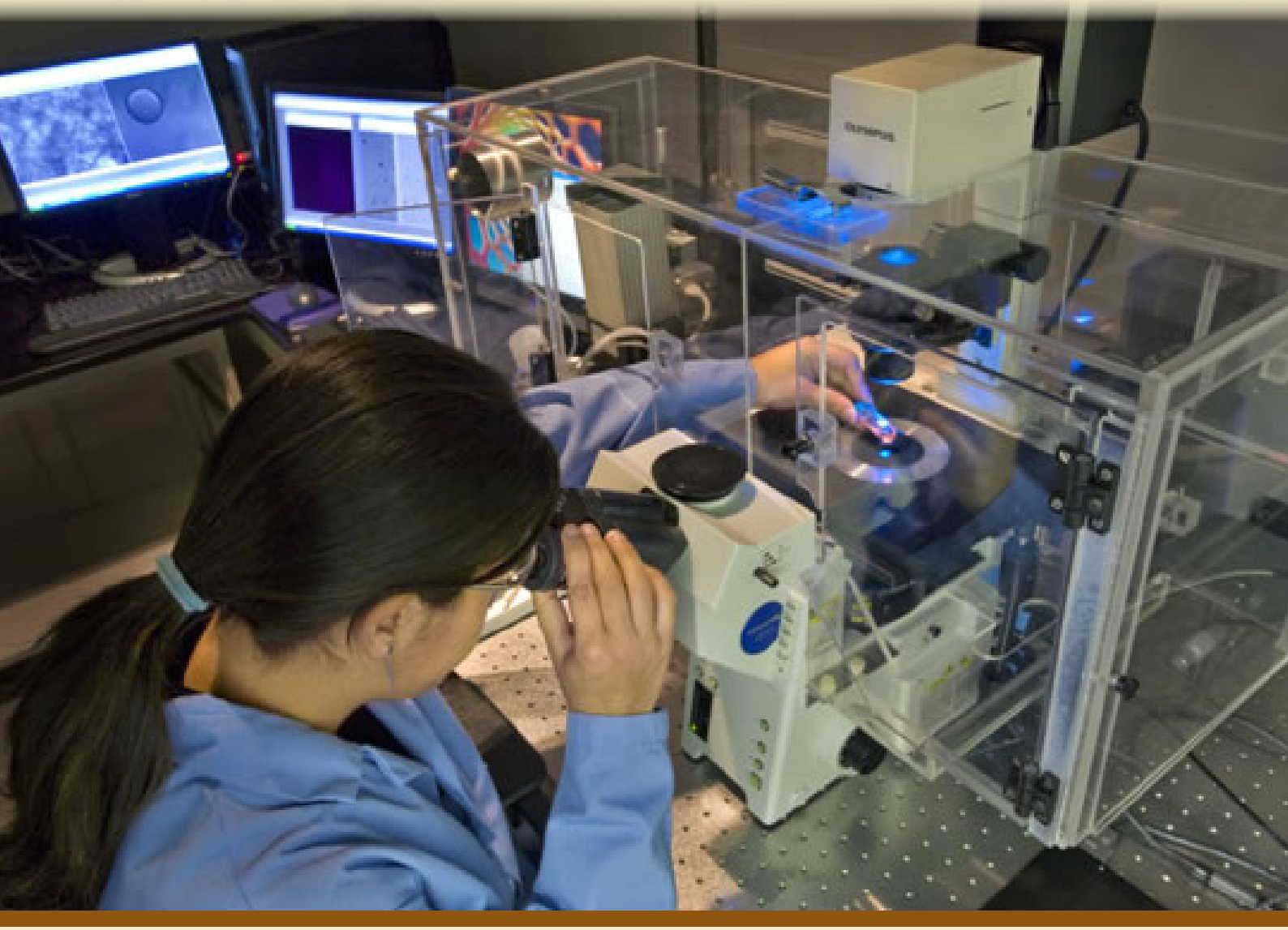
Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

International Expo and Conference on

Analytrix & HPLC

October 22-23, 2012 DoubleTree by Hilton Chicago-North Shore, USA



"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.com

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
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Email: analytrix2012@omicsgroup.com

18:00-19:00 Registrations October 21, 2012

Day 1 October 22, 2012

08:30-09:30 Registrations

Versailles C

09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05 Introduction

10:05-10:30 **Jagat Kanwar**
Deakin University, Australia

10:30-10:55 **John A. McLean**
Vanderbilt University, USA

Coffee Break 10:55-11:10

11:10-11:35 **Michael Retsky**
Harvard School of Public Health, USA

11:35-12:00 **Richard D. Schaller**
Northwestern University, USA

Track 1: HPLC & Applications
Track 2: Chromatography
Track 3: Electrophoresis
Track 5: Microarray, Microfluidics & Lab Chips
Track 7: Biosensors & Bioelectronics
Track 8: Spectroscopy

Session Introduction

12:00-12:20 Title: Application of novel fused-core particle column in 2D RP/RP MS analysis of biological samples. Impact of extra-column volume
Eduard Rogatsky, Albert Einstein College of Medicine, USA

12:20-12:40 Title: Chromatographic and electrophoretic separation techniques for detection of protein post-translational modifications
Wayne Grant Carter, University of Nottingham Medical School, UK

Lunch Break 12:40-13:30

13:30-13:50 Title: Induced liquid/liquid extraction-A new sample preparation strategy in analytical chemistry
Jun Zhang, Abbott Laboratories, USA

13:50-14:10 Title: Structure information from HPLC and on-line measured absorption spectra: flavones, flavonols and phenolic acids applied to specie-specific identification of plants using pollen extracts
Maria da Graca Campos, Universidade de Coimbra, Portugal

14:10-14:30 Title: Detection and functional analysis of highly dense, self-assembled nanoarrays of doublehelical nucleic acids
Allen W. Nicholson, Temple University, USA

14:30-14:50 Title: New generations improved detection via nano microfluidics-based devices and nanodelivery to colon cancer therapy
Jagat Kanwar, Deakin University, Australia

14:50-15:10 Title: Thermoresponsive gels incorporating di- or tetrathioether units for the separation of metal ions
Kenji Chayama, Konan University, Japan

15:10-15:30 Title: HPLC Analysis of Coenzyme Q10: UV and EC Detections
Peter H. Tang, University of Cincinnati, USA

Coffee Break 15:30-15:45

15:45-16:05 Title: Interrogations of semiconductor quantum dots via ultrafast spectroscopy and hydrostatic pressure
Richard D. Schaller, Northwestern University, USA

16:05-16:25	**Title: Oral administration of Fe-bLf loaded nanocapsules for colon cancer therapy** **Rupinder Kanwar, Deakin University, Australia**
16:25-16:45	**Title: Impurity determination in pharmaceuticals by ion chromatography–pulsed amperometric detector (IC-PAD)** **Xiaohui Yang, Baxter Healthcare, USA**
16:45-17:05	**Title: Detection and quantification of protein post-translational modifications using novel microchannel plate autoradiographic imagers.** **Wayne Grant Carter, University of Nottingham Medical School, UK**
17:05-17:20	**Panel discussion**
19:00-20:00	**Cocktails: Sponsored by Journal of Chromatography & Separation Techniques**

Day 2 October 23, 2012

Versailles C

Track 10: Mass Spectrometry
Track 12: New Technologies & Techniques in Lifesciences

	Session Introduction
10:00-10:20	**Title: Preventing early relapses in breast cancer may be much easier than previously thought but such interventions apparently need to start before surgery** **Michael Retsky,** Harvard School of Public Health, USA
10:20-10:40	**Title: Simple and robust NPLC-NI-ESI/Q-TRAP-MSn methods for detailed characterization of marine lipid dietary supplements with respect to Omega-3 molecular species of phospholipids and ether phospholipids** **Su Chen,** The Chainon Neurotrophin Biotechnology INC, USA
10:40-11:00	**Title: Addressing the analytical problems of global systems biology using ultra high resolution LC and exact mass MS(MS)** **Robert Plumb,** Imperial College, UK
11:00-11:20	**Title: New hydrogen-bonding stationary phases for liquid chromatography** **Yury Zelechonok,** SIELC Technologies, Inc, USA
	Coffee Break 11:20-11:35
11:35-11:55	**Title: Impurity Profiling for Pharmaceutical Development** **Kung-Tien Liu,** Everlight Chemical Industrial Corporation, Taiwan
11:55-12:15	**Title: Structural mass spectrometry for spatiotemporal measurements in systems biology** **John A. McLean,** Vanderbilt University, USA
12:15-12:35	**Title: Therapeutic drug monitoring for antimicrobials: we need the drug level now** **Michael E. Klepser,** Ferris State University, USA
12:35-12:55	**Title: Functional Proteomics: Novel Approach to Biomarker Discovery** **Jiri Adamec,** University of Nebraska – Lincoln, USA
	Lunch Break 12:55-13:45
13:45-14:05	**Title: Utilization of liquid chromatography mass spectrometry in clinical research laboratories** **Andre Szczesniewski,** Agilent Technologies, USA
14:05-14:25	**Title: A rapid and sensitive UPLC-MS/MS method for phytohormone analysis in palm tree seeds** **Maren Muller,** University of Barcelona, Spain
14:25:14:45	**Title: A thermodynamic theory of negative thermal expansion in liquid water** **M. Yasutomi,** University of the Ryukyus, Japan
14:45-15:05	**Title: Fast development of UPLC-MS/MS methods for absolute quantification of therapeutic monoclonal antibodies in biological matrices** **Chengjie Ji,** Pfizer Inc, USA
15:05-15:25	**Title: Post coital activity oh H2 receptor blockers and prostaglandin synthesis inhibitors in rodents-probable mechanism of action** **Agrawal S.S,** Amity University, India
	Coffee Break 15:25-15:40
15:40-16:00	**Title: On-chip detection of neurotransmitters from biological cells** **Rafael Taboryski, Technical University of Denmark, Denmark**
16:00-16:20	**Title: Brain - Specific gene signature during cancer metastasis** **Taichun Qin, University of Texas, USA**
16:20-16:35	**Panel Discussion**

Breakout 2

14:00-16:00	**Poster Presentations**
	B2B Meeting
18:45-19:45	**Cocktails: Sponsored by Journal of Analytical & Bioanalytical Techniques**

Upcoming OMICS Group Conferences

Accelerating Scientific Discovery



International Conference on
Pulmonary & Respiratory Medicine
October 29-31, 2012
DoubleTree by Hilton Philadelphia, USA



International Conference and Exhibition on
Computer Aided Drug Design & QSAR
October 29-31, 2012
DoubleTree by Hilton Chicago-Northshore, USA



International Conference on
Regenerative &Functional Medicine
November 12-14, 2012
Hilton San Antonio Airport, USA



2nd World Congress on
Cell Science & Stem Cell Research
November 12-14, 2012
Hilton San Antonio Airport, USA



International Conference on
Clinical Microbiology & Microbial Genomics
November 12-14, 2012
Hilton San Antonio Airport, USA



Global Biofuels & Bioproduct Summit
November 19-21, 2012
Hilton San Antonio Airport, USA



International Conference and Exhibition on
Probiotics
November 19-21, 2012
Hilton San Antonio Airport, USA



International Conference on
Genetic Syndromes & Gene Therapy
November 19-21, 2012
Hilton San Antonio Airport, USA



3rd International Conference and Exhibition on
Analytical & Bioanalytical Techniques
November 22-24, 2012
Hyderabad International Convention Center, India



International Conference and Exhibition on
Food Processing and Technology
November 22-24, 2012
Hyderabad International Convention Center, India



2nd International Conference and Exhibition on
Pharmaceutical Regulatory Affairs
November 23-24, 2012
Hyderabad International Convention Center, India



International Conference and Exhibition on
Cosmetology & Cosmetics
November 23-24, 2012
Hyderabad International Convention Center, India



International Conference on
Hair Transplantation & Trichology
November 26-28, 2012
Hilton San Antonio Airport, USA



International Conference on
Anesthesia & Perioperative Care
November 26 - 28, 2012
Hilton San Antonio Airport, USA



International
Toxicology Summit and Expo
November 26-28, 2012
Hilton San Antonio Airport, USA



International Conference and Exhibition on
Surgery & Transplantation
November 26-28, 2012
Hilton San Antonio Airport, USA



2nd International Conference on
Nanotek and Expo
December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



International Summit on
GMP&GCP: USA, Europe, Japan & Asia Pacific
December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



International Conference on
QC, QA and Validation
December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



International Conference on
Obesity & Weight Management
December 3-5, 2012
DoubleTree by Hilton Philadelphia, USA

Bookmark your dates

OMICS Group Conferences

Accelerating Scientific Discovery

2nd International Expo and Conference on

Analytrix & HPLC

October 15-17, 2013 California, USA

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