

LC/MS APPLICATIONS IN BIOMEDICAL RESEARCH

Sponsored by Agilent Technologies Inc.

March 14, 2013

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- 8:30 am **Registration**
- 9:00 – 9:15 am **Welcome and Introductions**
- 9:15 – 9:30 am **Life Sciences Analytical Portfolio and Integrated Biology**
**Barbara Teets, Director, Life Sciences Strategic Programs-
University Business Development, Agilent Technologies**
- 9:30 – 10:20 am **Highly Multiplexed MRM Quantitation of Candidate Disease-
Related Biomarker Proteins in Human Plasma by 1-D and
2-D LC-MRM/MS**
**Christoph Borchers, Ph.D., Professor, Department of Biochemistry
& Microbiology, University of Victoria, Director, University of Victoria -
Genome British Columbia Proteomics Centre**
- 10:20 – 10:45 am **Multi-Omic Analysis with Agilent's GeneSpring Software**
**Dipanwita Roy Choudhury, Ph. D., Strand Scientific Intelligence,
San Francisco**
- 10:45 – 11:25 am **Specificity in Measurement....What can it Achieve?**
**Steve Soldin, Ph.D., FACB, FCACB, Senior Scientist,
Dept Lab Med, Clinical Center, NIH Adjunct Professor,
Dept Endocrinology and Metabolism, Georgetown University**
- 11:25 am – 12:25 pm **Lunch**
- 12:25 – 1:05 pm **LC-MS Based Metabolomics of Steroids**
**Chris Crutchfield, Ph.D., Postdoctoral Fellow, NICHD Biomedical
Mass Spectrometry Facility, NIH**
- 1:05 – 1:20 pm **An Automated Online Card Extraction LC/MS System
for Dried Blood Spots**
Julie Wight, Ph.D., LC/MS Product Specialist, Agilent Technologies
- 1:20 – 2:00 pm **Analytical Analysis of the TOX21 Compound Collection**
Bill Leister, Ph.D., Director of Analytical Chemistry, DPI, NCATS
- 2:00 – 2:20 pm **Break**
- 2:20 – 3:10 pm **Annotation of the Zebrafish Genome through an Integrated
Transcriptomic and Proteomic Analysis**
**Akhilesh Pandey, M.D., Ph.D. Professor of Biological Chemistry,
Pathology and Oncology, McKusick-Nathans Institute of Genetic
Medicine, Johns Hopkins University**
- 3:10 – 3:45 pm **RapidFire High-Throughput Mass Spec Technology Streamlines
Workflow and Enables Native Detection of Complex Analytes**
Paul Altiero, Program Manager, RapidFire MS, Agilent Technologies
- 3:45 – 4:00 pm **Wrap Up and Final Questions for Speakers**

Date:
Thursday March 14, 2013

Location:
John Hopkins University
Turner Concourse
720 Rutland Avenue
Baltimore, MD 21205
Tilghman Auditorium

Time:
8:30 am – 4:00 pm

Register Today!

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REGISTER

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