

3RD ANNUAL SYMPOSIUM MASS SPECTROMETRY APPLICATIONS IN THE BIOMEDICAL SCIENCES

Sponsored by Agilent Technologies Inc.

May 7, 2014

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8:30 am	Registration
9:00–9:10 am	Welcome and Introduction
9:10 – 10:00 am	H/D Exchange Mass Spectrometry: Applications in Antibody Aggregation and Disordered Proteins David D. Weis, Ph.D. , Assistant Professor, Department of Chemistry, University of Kansas
10:00 – 10:30 am	Probing Proteins and Proteomes from Organisms with Expanded Genetic Codes Jesse Rinehart, Ph.D. , Assistant Professor, Department of Cellular & Molecular Physiology, Systems Biology Institute, Yale University School of Medicine
10:30 – 11:10 am	Qualitative and Quantitative Analysis of Lipids using SFC and LC combined with High Resolution Accurate Mass MS Jim Lau, Ph.D. , Senior Application Scientist, Agilent Technologies
11:10 – 11:45 am	Proteomics-to-Diagnostics: Detection of Asymptomatic Plasmodium Falciparum Carriers in Human Saliva Dingyin Tao, Ph.D. , Postdoctoral Research Fellow, Johns Hopkins Bloomberg School of Public Health, W. Harry Feinstone Department of Molecular Microbiology & Immunology
11:45 am – 12:45 pm	Lunch
12:45 – 1:35 pm	Multi-omics and Multiple Mass Spectrometry Approaches to the Understanding of HIV Associated Neurological Disease David Graham, Ph.D. , Assistant Professor, Retrovirus Laboratory, Department of Molecular and Comparative Pathobiology, Johns Hopkins School of Medicine
1:35 – 2:15 pm	Add a New Dimension to your Research Capability with Agilent's New Drift Ion Mobility QTOF System Chris Klein, Ph.D. , Research Scientist, Agilent Technologies
2:15 – 2:25 pm	Break
2:25 – 3:05 pm	Collision Cross Sections using the 6560 IMS-QTOF: Confirming Some Old – Finding Some New Al Yergey, Ph.D. , NIH Scientist Emeritus
3:05 – 3:35 pm	Label-Free Native Analyte Screening via High Throughput Mass Spectrometry Julie Wight, Ph. D. , Product Specialist, Agilent Technologies
3:35 – 3:55 pm	Leading Proteomics into the Age of Automation: High-throughput Protein Sample Preparation for Mass Spectrometry Applications Enabled by the AssayMAP Bravo Automation Platform Fonda M. Newcomb, MS, MBA , Automation Specialist, Agilent Technologies
3:55 – 4:05 pm	Wrap up

Date & Location:

May 7, 2014

8:30 am – 4:05 pm

NIH, Bethesda MD
Building 49, Room 1A50

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