

4TH ANNUAL SYMPOSIUM

NATIONAL INSTITUTE OF HEALTH

The Measure of Confidence

Mass Spectrometry Applications in the Biomedical Sciences

Wednesday, February 25, 2015

9:00am – 4:25pm

NIH, Bethesda, MD

Porter Neurosciences Building 35A, Room 640

Agenda

9:00 AM – 9:15 AM	Registration
9:15 AM – 10:00 AM	Targeting the Untargeted: Structural Mass Spectrometry for the Analysis of Complex Samples in Systems, Synthetic, and Chemical Biology , <i>John A. McLean, Ph.D.</i> , Stevenson Professor of Chemistry, Department of Chemistry, Vanderbilt Institute of Chemical Biology, Vanderbilt Institute of Integrative Biosystems
10:00 AM – 10:50 AM	Discovery of Enzyme Function using Quantitative Full-scan LC/MS Metabolomics , <i>Adam Rosebrock, Ph.D.</i> , Assistant Professor, Donnelly Centre for Cellular and Biomolecular Research, University of Toronto
10:50 AM – 11:05 AM	Break
11:05 AM – 11:40 AM	3D in vitro Brain Models and 'Omics Approaches to Study Developmental Neurotoxicity , <i>Helena Hogberg, Ph.D.</i> , Johns Hopkins University Bloomberg School of Public Health, Research Associate
11:40 AM – 11:55 AM	Payment Plans as an Acquisition Solution , <i>Scott Farrell</i> , Sales Manager – Federal Payment Plans, ePlus
11:55 AM – 12:55 PM	Lunch
12:55 PM – 1:45 PM	MS Characterization of Biopharmaceuticals: mAbs, Proteins, Product and Process Related Components , <i>Damon Barbacci, Ph.D.</i> , Director, US Analytical Services, BioReliance by SAFC
1:45 PM – 2:00 PM	3100 OFFGEL Fractionator, Separate Yourself , <i>Jonathan Levine, Ph.D.</i> , Genomics Account Manager, Agilent Technologies
2:00 PM – 3:00 PM	Mass Spectrometric Approaches for Detection and Semi-quantitation of Hydrolyzed Gluten in Food , <i>Sara McGrath, Ph.D.</i> , Chemist, Food and Drug Administration, Center for Food Safety and Applied Nutrition
3:00 PM – 3:15 PM	Break
3:15 PM – 3:40 PM	Bioanalysis of the Glutamine Antagonist 6-diazo-5-oxo-L-norleucine (DON) in Plasma and Brain by Ultra-performance Liquid Chromatography/Time-of-Flight Mass Spectrometry , <i>Camilo Rojas, Ph.D.</i> , Assistant Professor of Molecular and Comparative Pathobiology, Johns Hopkins Drug Discovery Program
3:40 PM – 4:10 PM	Cancer Cell Proteomics with the Agilent 6550 QTOF , <i>Vadi Bhat, Ph.D.</i> , Senior Application Scientist, Agilent Technologies
4:10 PM – 4:25 PM	Automation for Protein Analysis and Peptide Mapping , <i>Paul Altiero</i> , Workflow Specialist, Agilent Technologies

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