

# 3<sup>RD</sup> ANNUAL SEMINAR

JOHNS HOPKINS UNIVERSITY

The Measure of Confidence

## Mass Spectrometry Applications in the Biomedical Sciences

**Tuesday, February 24, 2015**

9:00am – 4:25pm

Johns Hopkins University, Baltimore, MD

Bloomberg School of Public Health, Feinstone Hall, Room E2030

### Agenda

9:00 AM – 9:15 AM	Registration
9:15 AM – 9:40 AM	<b>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</b> , <i>Camilo Rojas, Ph.D.</i> , Assistant Professor of Molecular and Comparative Pathobiology, Johns Hopkins Drug Discovery Program
9:40 AM – 10:25 AM	<b>Targeting the Untargeted: Structural Mass Spectrometry for the Analysis of Complex Samples in Systems, Synthetic, and Chemical Biology</b> , <i>John A. McLean, Ph.D.</i> , Stevenson Professor of Chemistry, Department of Chemistry, Vanderbilt Institute of Chemical Biology, Vanderbilt Institute of Integrative Biosystems
10:25 AM – 10:40 AM	Break
10:40 AM – 10:55 AM	<b>Automation for Protein Analysis and Peptide Mapping</b> , <i>Paul Altiero</i> , Workflow Specialist, Agilent Technologies
10:55 AM – 11:45 AM	<b>Discovery of Enzyme Function using Quantitative Full-scan LC/MS Metabolomics</b> , <i>Adam Rosebrock, Ph.D.</i> , Assistant Professor, Donnelly Centre for Cellular and Biomolecular Research, University of Toronto
11:45 AM – 12:45 PM	Lunch
12:45 PM – 1:20 PM	<b>3D in vitro Brain Models and 'Omics Approaches to Study Developmental Neurotoxicity</b> , <i>Helena Hogberg, Ph.D.</i> , Johns Hopkins University Bloomberg School of Public Health, Research Associate
1:20 PM – 1:35 PM	<b>Instrument Leasing Options</b> , <i>Dan Mendoza</i> , Program Manager, DLL
1:35 PM – 2:35 PM	<b>Mass Spectrometric Approaches for Detection and Semi-quantitation of Hydrolyzed Gluten in Food</b> , <i>Sara McGrath, Ph.D.</i> , Chemist, Food and Drug Administration, Center for Food Safety and Applied Nutrition
2:35 PM – 2:50 PM	Break
2:50 PM – 3:40 PM	<b>MS Characterization of Biopharmaceuticals: mAbs, Proteins, Product and Process Related Components</b> , <i>Damon Barbacci, Ph.D.</i> , Director, US Analytical Services, BioReliance by SAFC
3:40 PM – 4:10 PM	<b>Cancer Cell Proteomics with the Agilent 6550 QTOF</b> , <i>Vadi Bhat, Ph.D.</i> , Senior Application Scientist, Agilent Technologies
4:10 PM – 4:25 PM	<b>3100 OFFGEL Fractionator, Separate Yourself</b> , <i>Jonathan Levine, Ph.D.</i> , Genomics Account Manager, Agilent Technologies

Register Today!

[www.agilent.com/chem/JHU2015](http://www.agilent.com/chem/JHU2015)



**Agilent Technologies**