

# Precision Mass Spectrometry

for the scientific rigor you demand

2017 North America  
Mass Spec Users' Meeting

Bethesda, MD

October 26, 2017 Bethesda North Marriott Hotel & Conference Center | 5701 Marinelli Road

8:00 AM	<b>Continental Breakfast and Name Badge Pick-up</b>		
9:00 AM	<b>Welcome and Introductions</b>		
9:15 AM	<b>Plenary Lecture: New Technologies for Fast Proteome Analysis</b> <i>Josh Coon, Ph.D., University of Wisconsin Madison</i>		
9:55 AM	<b>Precision Mass Spectrometry: Advances and Applications</b> <i>Ken Miller, Thermo Fisher Scientific</i>		
10:35 AM	<b>Latest Developments in Triple Quadrupole Technology</b> <i>Eric Huang, Ph.D., Thermo Fisher Scientific</i>		
11:00 AM	<b>Coffee Break</b>		
	<b>Breakout Room 1</b>	<b>Breakout Room 2</b>	<b>Vendor Fair</b>  <b>Meet with representatives and our trusted service and solutions providers to ask questions, provide valuable feedback and gain more knowledge at our Vendor Fair.</b>
	<b>Proteomics</b>	<b>Metabolomics and Small Molecule Analysis</b>	
11:30 AM	IonStar Enables Large-scale, Accurate and Extensive Quantification with Low Missing Data and False Positives <i>Jun Qu, Ph.D., State University of New York at Buffalo</i>	Precision Metabolomics: A Single Technology for Understanding Human Health <i>Annie Evans, Ph.D., Metabolon</i>	
12:00 PM	Quantitation of an 18-mer Phosphorothioate Oligonucleotide on the Thermo Scientific™ Q Exactive™ Mass Spectrometry System <i>Alex Behling, M.S., Pharmaceutical Product Development, VA</i>	Using Mass Spectrometry to Understand and Target Diacylglycerol Metabolism and Signaling <i>Ken Hsu, Ph.D., University of Virginia</i>	
12:30 PM	<b>Lunch</b>		
1:30 PM	Clinical Relevance of Protein Biomarkers Expression Analyzed Using Targeted Proteomics in Tumor Biopsies <i>Wei-Li Liao, Ph.D., NantOmics</i>	A Comprehensive Workflow for Organic Pollutant Identification and Prioritization Using HR/AM Tandem Mass Spectrometry and Cheminformatics <i>Lee Ferguson, Ph.D., Duke University</i>	
2:00 PM	Protein and Peptide Feature Selection for Diagnostics <i>Patrick Lilley, Liquid Biosciences</i>	Analysis of Glucosinolates and Flavonoids in Agriculturally Relevant Forage Brassicaceae <i>Kyle Elkin, Ph.D., Penn State</i>	
2:30 PM	Zippering Through Peptides and Proteins with ZipChip <i>Stephen Whelan, Ph.D., 908 Devices</i>	Applications and Usage of a Thermo Scientific™ Exactive™ GC Orbitrap™ GC-MS Within a Core Laboratory Environment <i>Brandie Ehrmann, Ph.D., University of North Carolina</i>	
3:00 PM	DirectDIA with Spectronaut Pulsar. A New Approach for DIA Workflow. <i>Fadi Abdi, Ph.D., Biognosys</i>	Find the Targets and Answers that Matter: Introducing the Biocrates AbsoluteIDQ p400 HR Kit and Thermo Scientific™ Q Exactive™ Orbitrap MS for Broad Metabolic and Lipid Profiling <i>Helen Karuso Biocrates</i>	
3:30 PM	<b>Wrap Up</b>		

Register at [thermofisher.com/MSUsersMeeting](http://thermofisher.com/MSUsersMeeting)

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