



# Oregon State University

## Symposium

# Mass Spectrometry and Allied Topics & Open House

**Presentations and Discussions on Mass Spectrometry Research and Applications: Metabolomics, Proteomics and Emerging MS Technologies**

## Program

- 8:00- **Registration (LPSC 402)**  
8:30- **Welcome**  
Claudia Maier, Professor, Department of Chemistry; Director, Mass Spectrometry Center, Oregon State University
- 9:00- ***“Quantification Strategies for Proteins Containing Posttranslational Modifications - different workflow strategies using Skyline, including data-dependent and data-independent acquisitions”***  
Birgit Schilling, Director, Chemistry & Mass Spectrometry Core, Buck Institute for Research on Aging
- 9:45- ***“Proteomic Analysis of Mutations and Impact on Proliferative Signaling in Cancer Cells”***  
Iuliana Lazar, Associate Professor, Department of Biological Sciences, Virginia Tech
- 10:30- **Break**
- 10:45- ***“The Lipidizer: The Convergence of Differential Ion Mobility and Mass Spectrometry to the Next Generation Lipidomics Analysis Platform”***  
Paul Baker, Senior Applications Manager, Sciex
- 11:30- ***“Advances in GC/Olfactometry - MS for Flavor and Fragrance Analysis”***  
Michael Qian, Professor, Department of Food Science & Technology, Oregon State University
- 12:15- **Lunch**
- 1:30- ***“Metabolomics and Rare Disease: Applications in the Undiagnosed Diseases Network”***  
Tom Metz, Senior Research Scientist, Integrative Omics, Pacific Northwest National Laboratory
- 2:15- ***“Application of Novel Analytical Technologies and Data Analysis Tools for Comprehensive Analysis of Complex Samples”***  
Vladimir Shulaev, Professor, Department of Biological Sciences, University of North Texas
- 3:00- **Closing remark**
- 3:15- **Tour of Michael Qian’s GC-MS Lab (WGND 244)**
- 3:30- **Join us for our “Open House” celebration, demonstrations & mixer (ALS 0085)**

## Registration and Symposium Information

<http://mass-spec.science.oregonstate.edu/content/massspecminisymp>



**Wednesday, September 21, 2016**

Location: Oregon State University, Corvallis Campus  
Linus Pauling Science Center (LPSC), Room 402