

30th MassSpec-Forum Vienna

19th to 20th February 2019



University of Vienna, Faculty of Chemistry
Währinger Str. 38, 1090 Vienna, Austria



Program Day 2 (Wednesday)

Session 5: Metabolite Identification Strategies

- 09:00-09:45 **Sebastian Böcker** Friedrich-Schiller-Universität Jena, Jena, Germany
SIRIUS 4 and CSI:FingerID: Turning tandem mass spectra into metabolite structure information
- 09:45-10:10 **Christian Baumann** AWS (Sciex Germany), Germany
MetabolitePilot 2.0 – A versatile software for QC and Metabolite ID of small molecules, peptides, and ADCs
- 10:10-10:30 **Tim Causon** University of Natural Resources and Life Sciences, Vienna, Austria
Maximising identity confirmation potential using drift tube IM-QTOFMS
- 10:30-10:50 **Rainer Schuhmacher** University of Natural Resources and Life Sciences, Vienna, Austria
Sample extraction with methanol creates dozens of artifacts in untargeted metabolomics studies
- 10:50-11:30 Coffee Break and Company Exhibition (Second Floor)

Session 6: Technological Advances

- 11:30-11:50 **Martina Marchetti-Deschmann** Vienna University of Technology, Vienna, Austria
Correlative Multimodal Imaging in Mass Spectrometry
- 11:50-12:10 **Evelyn Rampler** University of Vienna, Vienna, Austria
LILY- Lipidome Isotope Labeling of Yeast
- 12:10-12:35 **Matthew Kennedy** Waters Corporation, Wilmslow, UK
The Changing Requirements of High Resolution Mass Spectrometry, from Technicians to Researchers
- 12:35-12:50 **Maximilian Mayr** Vienna University of Technology, Vienna, Austria
Investigation of Polymer Degradation under Corrosive Conditions Using Tandem LA-ICP-MS/LIBS
- 12:50-14:00 Lunch Break and Company Exhibition (Second Floor)

Session 7: Biomedical Applications II

- 14:00-14:45 **Karin Ortmayr** ETH Zürich, Zürich, Switzerland
Charting the cross-functional map between transcriptional regulators and cancer metabolism
- 14:45-15:10 **Arnd Ingendoh** Bruker Daltonics, Bremen, Germany
Fast Identification of Metabolites in Complex Samples using a Novel Conductively Cooled FTMS
- 15:10-15:30 **David Friedecký** Palacky University and University Hospital, Olomouc, Czech Republic
New tools in diagnosing inherited metabolic diseases
- 15:30-15:50 **Djuro Josic** University of Rijeka, Rijeka, Croatia
Exosomes, a Challenging Target for Quantitative Proteomics
- 15:50-16:10 **Mate Somlyay** University of Vienna, Vienna, Austria
Representing VLSI "NMR in drug discovery"
- 16:10-16:50 Poster Award & Closing Remarks