Welcome and Opening
Gunda Köllensperger, Christopher Gerner
University of Vienna, Vienna, Austria

Session I: Proteomics

Chemical Proteomics Reveals the Target Space of Clinical Kinase Inhibitors
Bernhard Küster
University of Technology, Munich, Germany

Beyond DDA and SRM: Applying Data Independent Acquisition (DIA) and Parallel Reaction Monitoring (PRM) on Q Exactive Instruments
André C. Müller
Thermo Fisher Scientific, Vienna, Austria

New Approaches for Enzyme Replacement Therapy: Mass Spectrometric Characterization of Antibody Epitopes of Immunoreactive Enzymes in Lysosomal Diseases
Michael Przybylski
Steinbeis Centre for Biopolymer Analysis and Biomedical Mass Spectrometry, Rüsselsheim, Germany

High Mass and Spatial Resolution Imaging MS to Characterize Colon Structures and Immune Cell Infiltrates on the Protein Level
M. Marchetti-Deschmann
Institute of Chemical Technologies and Analytics, Vienna University of Technology, Vienna, Austria

Coffee Break and Company Exhibition (Second Floor)

Session 2: MS Imaging

Mass Spectrometry Imaging of 3D Living Skin Equivalent Models and Tumour Spheroids
Malcolm R Clench
Sheffield Hallam University, Sheffield, United Kingdom

Mass Spectrometry Imaging of Human Brain Tumors Resected by Fluorescence-Guided Surgery
Ann-Christin Niehoff
Shimadzu, Europe GmbH, Duisburg, Germany
12:40-13:00  Visualizing Fungal Metabolites during Mycoparasitic Interaction by MALDI MSI  
M. Holzlechner  
Institute of Chemical Technologies and Analytics, Vienna University of Technology, Vienna, Austria

13:00-14:00  Lunch Break and Company Exhibition (Second Floor)

Session 3: Metabolomics and Lipidomics

14:00-14:45  Modern Approaches for the Detection of Isomers in Clinical and Biological Samples  
Michael Grössl  
University Hospital Bern, Bern, Switzerland

14:45-15:10  Extend Your Metabolomics Insight by Stable Isotope Label Tracing  
Holger Stalz  
Agilent Technologies, Basel, Switzerland

15:10-15:30  Comparing d-SPE Sorbents of the QuEChERS Extraction Method and EMR-Lipid for the Determination of Polycyclic Aromatic Hydrocarbons (PAH4) in Food of Animal and Plant Origin  
Michael Urban  
University of Natural Resources and Life Sciences, Vienna, Austria

Session 4: Structural Elucidation Strategies

15:30-15:50  Deciphering Lipid Structures Based on Platform-Independent Decision Rule Sets  
Alexander Triebl  
Institute of Molecular Biotechnology, Graz University of Technology, Graz, Austria

15:50-16:30  Coffee Break and Company Exhibition (Second Floor)

16:30-16:55  A Novel Approach to Ion Mobility Spectrometry: TIMS  
Arnd Ingendoh  
Bruker Daltonics, Bremen, Germany

16:55-17:15  Novel Structure Elucidation Strategy of Bacterial Endotoxins Applying HPLC-MS/MS  
Anikó Kilár  
University of Pécs, Hungary

17:15-17:35  Determination of True Ratios of Different N-Glycan Structures in Electrospray Ionization-Mass Spectrometry  
Clemens Grünwald-Gruber  
University of Natural Resources and Life Sciences, Vienna, Austria.

17:35  Posters & Drinks

19:00  Informal Get Together/Dinner (Ground Floor)
Friday, February 17th, 2017

Session 5: Chromatography and MS Hyphenation

09:00-09:45  Ultrahigh-Performance Supercritical Fluid Chromatography-Mass Spectrometry (UHPF/C/MS): Novel Approach for High-Throughput and High-Efficient Bioanalyses
Michal Holcapek
University of Pardubice, Pardubice, Czech Republic

09:45-10:10  Introducing the Brand New Sciex X-Series QTOF Systems
Christian Baumann
AWS Biologics, Sciex Germany

10:10-10:30  Analysis of Distinct Metabolic Transitions during Seed Germination and Seedling Establishment in Brassica oleracea by GC-MS and LC-MS
Wolfgang Stöggel
University of Innsbruck, Innsbruck, Austria

10:30-10:50  Diverse Chromatographic Behaviour of Glycosylated Invertases from S. cerevisiae. Whom to Blame, Proteins or Glycans?
Djuro Josic
University of Belgrade, Belgrade, Serbia

10:50-11:30  Coffee Break and Company Exhibition (Second Floor)

11:30-11:45  Laudatio Erich Schmid

Session 6: MS Advances in Biomolecule Detection

11:45-12:10  Enhancing MS Capabilities and Performance with Novel Ionisation Techniques
Matthew Kennedy
Waters Corporation, Wilmslow, UK

12:10-12:30  Novel Developments in High Performance Electrospray Ionization Mass Spectrometry of Glycosaminoglycans
Alina D. Zamfir
National Institute for Research and Development in Electrochemistry and Condensed Matter, Timisoara, Romania

12:30-12:50  Structurally Diagnostic Cross-Ring Cleavages of Sodiated Oligosaccharide Precursor Ions: Low-Versus High-Energy CID
Ernst Pittenauer
Institute of Chemical Technologies and Analytics, Vienna University of Technology, Vienna, Austria

12:50-14:00  Lunch Break and Company Exhibition (Second Floor)
Session 7: Novel Tools for Bioanalytical Research

14:00-14:45  Recent Advances in Multiparameter Imaging Mass Cytometry
Dmitry R. Bandura
Fluidigm, South San Francisco, CA, USA

14:45-15:10  A Multi-Purpose Mass Detector for the Analysis of Dissolved, Solid, Air Sensitive, Volatile, TLC- as well as LC-separated compounds
Andreas Wiesner
Advion Ltd., Harlow, UK

15:10-15:30  LC-MS/MS Based “Dilute and Shoot” Approaches for Multi-Mycotoxin Analysis – Are Matrix Effects Under Control?
Michael Sulyok
Department IFA-Tulln, University of Natural Resources and Life Sciences, Vienna, Austria

15:30-15:50  Absolute Quantification of Amino Acids in Human Plasma Exploiting $^{13}$C-Labeled Yeast Extracts as Source for Metabolites
Gerrit Hermann
Department of Analytical Chemistry, University of Vienna, Vienna, Austria

15:50-16:30  Poster Award & Closing Remarks