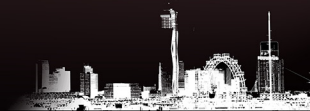


# 30<sup>th</sup> MassSpec-Forum Vienna

19<sup>th</sup> to 20<sup>th</sup> February 2019



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



## Program Day 1 (Tuesday)

08:45-09:00 **Gunda Köllensperger, Christopher Gerner** University of Vienna, Vienna, Austria

*Welcome and Opening*

### Session 1: Proteomics

09:00-09:45 **Sven Degroeve** Ghent University, Ghent, Belgium

*Ionbot: a novel, fully data-driven search engine for open modification and mutation searches*

09:45-10:10 **Claire Dauly** Thermo Fisher Scientific, Vienna, Austria

*Comprehensive Proteome Mapping using LC-FAIMS Pro-MS/MS*

10:10-10:30 **Michael Przybylski** Steinbeis Centre for Biopolymer Analysis and Biomedical MS, Rüsselsheim, Germany

*Molecular Epitope Determination of Aptamer Complexes of the Multi-domain Protein C-Met by Proteolytic Affinity- Mass Spectrometry*

10:30-10:45 **APMA Young Investigators**

10:45-11:25 Coffee Break and Company Exhibition (Second Floor)

### Session 2: Glycomics

11:25-12:10 **Manfred Wuhrer** Leiden University, Leiden, Netherlands

*Mass spectrometry glycomics: increasing sensitivity, throughput and precision*

12:10-12:30 **Friedrich Altmann** University of Natural Resources and Life Sciences, Vienna, Austria

*MALDI-MS of N-glycans from algae reveals nature's sense of humour*

12:30-12:50 **Katharina Paschinger** University of Natural Resources and Life Sciences, Vienna, Austria

*Mass spectrometric and array analysis of highly modified and immunoactive N-glycans of the canine heartworm*

12:50-13:50 Lunch Break and Company Exhibition (Second Floor)

### Session 3: Biomedical Applications I

13:50-14:35 **Denise Wolrab** University of Pardubice, Pardubice, Czech Republic

*UHPSFC/MS lipid profiling for the analysis of biological samples*

14:35-15:00 **Moritz Wagner** Agilent Technologies, Basel, Switzerland

*Expanding the Lipidomics tool box – from ion mobility to lipid annotation and profiling*

15:00-15:15 **Tamara Tomin** Medical University of Graz, Graz, Austria

*Altered glutathione redox status in failing hearts revealed by a novel assay based on two-step alkylation with N-ethylmaleimide isotopologues and mass spectrometry*

15:15-15:30 **Armin Sebastian Guntner** Johannes Kepler University, Linz, Austria

*Development of a highly sensitive GC-MS method preceded by solid-phase microextraction for the analysis of Propofol in low-volume cerebral microdialysate samples*

15:30-16:10 Coffee Break and Company Exhibition (Second Floor)

### Session 4: Environmental Analysis

16:10-16:35 **Sven Vedder** Shimadzu Europe GmbH, Duisburg, Germany

*High resolution mass spectrometry quantitation to help accelerate data review and deliver actionable data*

16:35-16:50 **Lisa Fischer** University of Natural Resources and Life Sciences, Vienna, Austria

*ICP-MS based methodologies for the trace- and ultra-trace analysis of high mineralized ground waters*

16:50-17:05 **Elisabeth Varga** University of Vienna, Vienna, Austria

*Deciphering the chemical diversity of prymnesins by MS/HRMS*

17:05-17:20 **Hannes Puntcher** University of Vienna, Vienna, Austria

*Targeted analysis of emerging Alternaria toxins in plasma, urine and fecal samples of Sprague Dawley rats*

17:20-17:35 **Lukas Janker** University of Vienna, Vienna, Austria

*Deoxynivalenol and A431 epidermoid squamous carcinoma cells: proteomic profiling reveals the pathways connecting ribosomal inhibition with a loss of function of the cell membrane*

17:35 Posters & Drinks

19:00 Informal Get Together/Dinner (Ground Floor)