



Deutsche Gesellschaft für
Proteomforschung e.V.

DGPF e.V. Minisymposium in Göttingen

26. September 2018

Manfred-Eigen-Saal | Max-Planck-Institut für Biophysikalische Chemie
Am Faßberg 11 | 37077 Göttingen

8:30 Registration | **9:00 Welcome** (Uwe Völker, President of DGPF e.V.)

Session 1 - Analysis of Proteome Data DIA or DDA? Advantages and Disadvantages, A Critical Evaluation (Chairman: Uwe Völker)

- 9:05 Zuzana Demianova | AB Sciex Germany GmbH** Power of SWATH® Acquisition: Quantitative Phosphoproteomics
- 9:20 Lukas Reiter | Biognosys AG** Identification and Quantification in DIA
- 9:35 Arnd Ingendoh | Bruker Daltonik GmbH** Parallel Accumulation – Serial Fragmentation (PASEF): A High Performance Addition to the Technology Toolbox in Proteomics?
- 9:50 Bernard Delanghe | Thermo Fisher Scientific Inc.** Your samples deserve the best strategy: Proteome Discoverer Software, a tool for DIA and DDA
- 10:05 Marc Kipping | Waters GmbH** Past, Present and Future of Data Independent Acquisition (DIA) Strategies
- 10:20 Open Discussion**

10:35 – 10:50 Coffee Break

Session 2 – Quality Control and Benchmarking of Proteome Experiments / How to Generate Meaningful Data? (Chairman: Albert Sickmann)

- 10:50 Stefan Tenzer | Mainz** Benchmarking Label-Free Quantification using Mixed Proteome Samples and LFQBench
- 11:10 Christin Lorenz | Dortmund** Building Standards for Proteomics: A Targeted Mass Spectrometry Approach for Quantification of Cardiovascular Disease Biomarker in Human Blood
- 11:30 Wolfgang Hoehenwarter | Halle** Benchmark Validation of Label Free Discovery Proteomics: Impact of Technological Factors and Natural Variation of Protein Abundance
- 11:50 Jürgen Cox | München** How to Generate Meaningful Data with MaxQuant

12:10 – 13:10 Lunch Break

Young Scientists Session

- 13:10 Jonas Peper | Göttingen** Proteomic Mapping of Caveolin-3 Protein Interactions in Cardiac Muscle Membrane Domains
- 13:25 Jennifer Schwarz | Freiburg** Proteomics Identifies Protein Tyrosine Phosphatase 1B as a New Modulator of B Cell Antigen Receptor Signalling
- 13:40 Bernhard Blank-Landeshammer | Dortmund** Identification of Recoding RNA-Editing Events in a Fungal Model Organism by Proteogenomics
- 13:55 Stefan Dannenmaier | Freiburg** Complete Native SILAC in Baker's Yeast Applied to Mitochondrial Proteome Analysis
- 14:10 Tanja Meyer | Greifswald** Exploring the Anti-Staphylococcal Antibody Response Using a Bead-Based Array Approach
- 14:25 Stefan Loroch | Dortmund** Specific and Highly Sensitive Absolute Quantification of Signaling Events in Clinical Samples
- 14:40 Şule Yilmaz | München** New Cross Linking Capabilities in MaxQuant
- 14:55 N.N.** Title to be announced

15:10 – 15:30 Coffee Break

15:30 – 16:45 DGPF e.V. Mitgliederversammlung 2018

Die Tagesordnung erhalten Sie in Kürze per E-Mail