

Preliminary overview program - 21th Swedish Proteomics Society Symposium

Thursday November 21 st	
12.00-13.00	Registration
13.00-13.15	Opening of the 21st SPS Symposium <i>Welcome to Gothenburg, Ann Brinkmalm, SPS President</i>
13.15-15.00 Session 1 Chairs: Lotta Happonen & Carina Sihlbom Wallem	
13.15-13.45	Integration of proteogenomics and histopathology <i>David Fenyö Institute for Systems Genetics and Department of Biochemistry and Molecular Pharmacology, NYU Grossman School of Medicine, New York, NY, USA</i>
13.45-14.05	Investigating the Phenotypic Proteome of Triple Negative Breast Cancer (TNBC) for Precision Medicine <i>Henrik Johansson, Karolinska Institutet, Stockholm, Sweden</i>
14.05-14.25	Gold sponsor: Single cell and low cell count spheroid analysis to assess cellular responses to treatment using the cellenONE proteoCHIP EVO 96 workflow on the timsTOF Ultra 2 <i>Renata Blatnik, Bruker Nordic</i>
14.25-14.45	Proteogenomics, ready for clinical decision support in cancer? <i>Janne Lehtiö, Karolinska Institutet, Stockholm, Sweden</i>
14.45-15.00	Proteome Medicine Sweden – ProMS, <i>Janne Lehtiö, Johan Malmström & Carina Sihlbom Wallem</i>
15.00-15.30	Coffee break and exhibition
15.30-16.30	Poster session/exhibition
16.30-18.10 Session 2 Chairs: Ann Brinkmalm & Gunnar Brinkmalm	
16.30-17.00	New approaches in chemical proteomics <i>Roman Zubarev, Karolinska Institutet, Stockholm, Sweden</i>
17.00-17.20	Developing targeted single-cell proteomics to dissect complex cellular hierarchies <i>Jakob Woessmann, DTU, Department of Biotechnology and Biomedicine, Lyngby, Denmark</i>
17.20-17.40	Gold sponsor: title to be announced <i>Keiryn L. Bennett, Thermo Fisher Scientific</i>
17.40-18.10	Artificial Intelligence in Mass Spectrometry: Fascinating Past, Exciting Present and Promising Future <i>Magnus Palmblad Leiden University Medical Center, Leiden, the Netherlands</i>
19:00-00:00	Symposium dinner at the hotel

Friday November 22 nd	
08:30-09:00	Registration and coffee
09.00-10.40 Session 3 Chairs: Johan Gobom & Tasso Miliotis	
09:00-09:30	The role of precision medicine in drug development: applications from cardiovascular diseases <i>Pia Davidsson, AstraZeneca, Gothenburg, Sweden</i>
09.30-09.50	Advancing Chronic Liver Disease Diagnosis: Targeted Proteomics for Non-Invasive Detection of Fibrosis <i>Andrea Villanueva Raisman, KTH, Stockholm, Sweden</i>
09.50-10.10	Profiling the Blood Proteome in Autoimmune Disease Using Proximity Extension Assay <i>Josefin Kenrick KTH Stockholm Sweden</i>
10.10-10.40	From proteome to pathology – Clinical proteomics of neurodegenerative diseases <i>Johan Gobom, University of Gothenburg, Mölndal, Sweden</i>
10:40-11:15	Coffee break and exhibition
11.15-12.15 Session 4 " Swedish Proteomics Early Career Scientists (SPECS) session" Chairs: Andreas Hober & Evgeniya Mickols	
11.15-11.30	Plasma Proteomics-Based Multi-Label Classification of Co-occurring Metabolic Diseases <i>Konstantinos Antonopoulos, KTH, Stockholm, Sweden</i>
11.30-11.45	Proximity labeling identifies a neuronal Alk interactome in the Drosophila CNS <i>Ezgi Uckun, University of Gothenburg, Gothenburg, Sweden</i>
11.45-12.00	Morphological and molecular profiling as a pillar of precision medicine: tailoring treatment in late-stage cancer patients <i>Nicole Woldmar, Lund University, Lund, Sweden</i>
12.00-12.15	Mapping Antibody-Antigen Interactions with Sidewinder: An XL-MS and Structural Modeling Approach <i>Joel Ströbaek, Lund University, Lund, Sweden</i>
12:15-13:00	Lunch in the exhibition area

13.00-14.10 Session 5	
Chairs: Fredrik Edfors & Johan Malmström	
13.00-13.30	Metabolic Diseases in Space and Time: Insights from Single-Cell Proteomics <i>Florian Rosenberger, Max Planck Institute of Biochemistry, Munich, Germany</i>
13.30-13.50	Two sides of plasma proteome analysis: mass spectrometry versus proximity extension assay <i>Noora Sissala, Karolinska Institutet, Stockholm, Sweden</i>
13.50-14.10	Inflammation links in Alzheimer's Disease: connecting fluid proteomics and TSPO PET. <i>Ilaria Pola, University of Gothenburg, Mölndal, Sweden</i>
14.10-14.40	Coffee break and exhibition
14.40-16.00 Session 6	
Chairs: Ann Brinkmalm & André Mateus	
14.40-15.00	Population scale proteomics enables adaptive digital twin modelling in sepsis <i>Johan Malmström, Lund University, Lund, Sweden</i>
15.00-15.20	Precision Medicine of Sepsis with Integrative Proteomics <i>Thanadol Sutantiwanichkul, Uppsala University, Uppsala Sweden</i>
15.20-15.40	Uncovering proteomic alterations in Parkinson's disease using patient-specific iPSC-derived brain cells <i>Magdalena Kuras, Lund University, Lund, Sweden</i>
15.40-16.00	Closing of the 21st SPS Symposium "Welcome to NPS 2025 & SPS 2026" <i>Ann Brinkmalm & Andre Mateus</i>