

Preliminary program - 22nd Swedish Proteomics Society Symposium

Wednesday September 16 th	
09.00-11.00	Workshop "Proteomics/metabolomics data deposition and reusability" by SMSS
11.00-12.00	Workshop "BioMS"
13.00-14.00	Workshop "Mass spectrometry instrumentation developments" (sponsor #1)
14.00-15.00	Workshop "Mass spectrometry instrumentation developments" (BRUKER) Practical implementations of 4D-omics approaches : Which flavor of PASEF suits you best ?
15.00-16.00	Registration and poster setup
16.00-16.05	Opening of the meeting by SPS/SMSS/SMC Presidents André Mateus, Jonas Bergqvist and Annika Johansson
16.05-17.00	Plenary session: Matthias Mann, Max Planck Institute for Biochemistry, Germany
17.30-21.00	Social activity & conference dinner

Thursday September 17 th	
08.45-10.50 Session 1 "Spatial proteomics" Chairs: TBA	
08:45-09:25	Keynote Emma Lundberg, Stanford University, USA and KTH, Sweden
09.25-09.40	Talk selected from abstracts, 12645-A-2633 Proteoform Spatial Biology of Immune Cell Phenotypes, Anthony Cesnik, Chicago, USA
09.40-09.55	Talk selected from abstracts, 12630-A-2633 Cell type-resolved proteome of mitochondria dysfunction, Jéssica Guedes, Stockholm, Sweden
09.55-10.10	Talk selected from abstracts, 12532-A-2633 Integrating MALDI-MSI and spatial transcriptomics reveals peptide-specific plaque microenvironments in Alzheimer's disease, Alicja Szadziewska, Göteborg, Sweden
10:10-10:50	Coffee break and exhibition
10.50-12.15 Session 2 "Multiomics" Chairs: TBA	
10.50-11.30	Keynote Proteomics Against the Clock: Rethinking Biomarker Discovery for Acute Viral Infections, Ujjwal Neogi, KI, Sweden
11.30-11.45	Talk selected from abstracts, 11604-A-2633 Functional proteomics in representative species of the human gut microbiome, Lucía Pérez, Umeå, Sweden
11.45-12.00	Talk from gold sponsor New 4D-Omics approaches for system-level biological insight : From Metabolites to Proteoforms
12.00-12.15	SMSS yearly meeting (for SMSS members)
12:15-14:00	Lunch in the exhibition area and poster viewing
14.00-15.45 Session 3 "Organized by the Swedish Proteomics Society Early Career Scientists" Chairs: TBA	
14.00-14.30	Keynote Peter Treit, Max Planck Institute for Biochemistry, Germany
14.30-14.45	PhD thesis award talk
14.45-15.00	Talk selected from abstracts, 12211-A-2633 Phylum-wide structural diversity of Bacteroidota O-glycans, Lonneke Hoffmanns, Umeå, Sweden
15.00-15.15	Talk selected from abstracts, 12403-A-2633 Proteomic profiling of bone-metastatic prostate cancer uncovers potential drug targets for patients with especially poor outcomes, Olivia Carlund, Umeå, Sweden
15.15-15.35	Keynote: vision on recent achievements and future of mass spectrometry/proteomics as SAB of SPS Johan Malmström, Lund University, Sweden
15.35-16.30	Coffee break and exhibition

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16.30-17.40 Session 4 "Structural and clinical proteomics" Chairs: TBA	
16.30-17.10	Keynote Jörg Hanrieder, University of Gothenburg, Sweden
17.10-17.25	Talk selected from abstracts, 12364-A-2633 Deep spatial proteomic profiling of the hippocampal tangle proteome in Alzheimer's disease, Sophia Weiner, Göteborg, Sweden
17.25-17.40	Talk selected from abstracts, 12405-A-2633 Mitochondrial ATP5IF1 Depletion Define the Proteomic Landscape of Acral Lentiginous Melanoma, Diana Fernandez Coto, Lund, Sweden
17.40-20.00	Poster session and mingle
Friday September 18 th	
09.00-10.30 Session 5 "Infrastructures in Sweden – sponsored by SciLifelabs" Chairs: TBA	
09.00-09.40	Keynote Hamish Stewart, Thermo Fisher Scientific, Germany
09.40-10.00	Keynote Thomas Laurell, Lund University, Sweden
10.00-10.15	Talk selected from abstracts, 12529-A-2633 cftr modulator therapy reshapes airway inflammation in cystic fibrosis: insights from proteomics and machine learning, Filip Årman, Lund, Sweden
10.15-10.30	Talk selected from abstracts, 12622-A-2633 Snapshot of Open Science indicators in publications of the Glycoproteomics and MS Proteomics Infrastructure Unit of SciLifeLab, Theresa Kieselbach, Umeå, Sweden
10.30-11.30	Coffee break and exhibition
11.30-13.30 Session 6 "Data integration" Chairs: TBA	
11.30-12.10	Keynote Wen Zhong, Linköping University, Sweden
12.10-12.30	Keynote Jeovanis Gil Valdés, Lund University, Sweden
12.30-12.45	Talk selected from abstracts, 13616-A-2633 Doping detection - from 2D-DIGE to semi-tryptic MS, Christer Malm, Umeå, Sweden
12.45-13.00	Talk from gold sponsor
13.00-13.20	Flash talks / Elevator pitches from posters
13.20-13.30	Closing meeting / Awards / New SPS President