5th Nordic Metabolomics Conference in Uppsala, Sweden

Date	Sunday, 27 September 2026	Early Career Event
Location	**Scandic Hotels Uplandia**	

Day 1

Date	Monday, 28 September 2026
Location	**UKK venue · Uppsala, Sweden**

Start	Session		Talk	Speaker	Presentation	Chair
09:00				**Registration and coffee**		
10:00				**Welcome**		
10:05		**P1**	**Plenary**	**Oliver Fiehn**	Make metabolomics great again: LC-BinBase with MassWiki	Daniel Globisch
10:45	**1**	**O1-1**	Mixed Applications Metabolomics	Victoire Bondeville	Secretome NMR Profiling of Prostate Tissue Explants and Organoids Reveals Integrated One-Carbon and Nicotinamide Dysregulation	Daniel Globisch
11:05	**1**	**O1-2**	Mixed Applications Metabolomics	Aninda Mazumdar	Benchmarking Ion Mobility–Resolved LC–MS/MS Spectral Libraries Demonstrates the Need for Instrument-Specific Spectral Libraries	Daniel Globisch
11:25	**1**	**O1-3**	Mixed Applications Metabolomics	Marta R. Moksnes	Acute effects of moderate- and high-intensity exercise on the human milk metabolome.	Daniel Globisch
11:45	**1**	**GS1**	**Gold Sponsor - Bruker**	**Matthew Lewis**	Big Technologies for Small Molecules	Daniel Globisch
12:00			**Lunch**			
12:15			**Set up of posters**			
13:00		**K1**	**Keynote**	**Tone Frost Bathen**	Inside the Tumor and Beyond: NMR-based Metabolic Profiling in Cancer	Matej Orešič
13:30	**2**	**O2-1**	Clinical Metabolomics	Jakob Siljebo	Deep Learning of Serum Metabolomics Identifies Early Multiple Sclerosis Signatures and Reveals No Accelerated Metabolomic Aging at Diagnosis	Matej Orešič
13:50	**2**	**O2-2**	Clinical Metabolomics	Anders K. Nilsson	Early serum metabolomics trajectories and severe retinopathy of prematurity in extremely preterm infants: preliminary results from the Mega Donna Mega trial	Matej Orešič
14:10	**2**	**O2-3**	Clinical Metabolomics	Ioanna Tsiara	Distinct Metabolic Signatures Distinguish Lung, Colorectal and Ovarian Cancer	Matej Orešič
14:30			**Break**	**Fika**		
15:10	**2**	**O2-4**	Clinical Metabolomics	Étienne Ljóni Poisson	Optimised Extraction of Dried Blood Spots for Untargeted HILIC Metabolomics: A Factorial Comparison with Independent Confirmation	Wojciech Michno
15:30	**2**	**O2-5**	Clinical Metabolomics	Alex Dickens	Combining spatial metabolomics and transcriptomics to understand long term changes in the brain following a TBI	Wojciech Michno
15:50	**2**	**O2-6**	Clinical Metabolomics	Malene Revsbech Christiansen	Longitudinal metabolomic trajectories across the development of Inflammatory Bowel Disease	Wojciech Michno
16:10	**2**	**O2-7**	Clinical Metabolomics	Guro F. Giskeødegård	Changes in serum lipids during breast cancer treatment with aromatase inhibitors- results from a randomized controlled trial	Wojciech Michno
16:30	**2**		**Lightning talks**		Francesca Bucci (P5), Abhijit Paul (P55), Stefania Iliana Tziola (P61), Ankit Singh Tanwar (P89)	Connie Petroeschevsky
16:40			**Poster session with welcome drink**	**Odd numbered posters**		
18:00			**Dinner on your own**			

Day 2

Date	Tuesday, 29 September 2026			Location	UKK venue · Uppsala, Sweden	
Start	**Session**		**Talk**	**Speaker**	**Presentation**	**Chair**
09:00	**3**	**K2**	**Keynote**	**Justin van der Hooft**	Towards scalable explainable data mining and matching strategies in untargeted metabolomics	Julia Debik
09:30	**3**	**O3-1**	New Frontiers in Metabolomics	Lucie Davidová	AutoDIP: An Automated Direct Infusion Platform for High-Throughput Metabolomics	Julia Debik
09:50	**3**	**O3-2**	New Frontiers in Metabolomics	Katja Salonen	A Large-Scale LC-MS Approach to Identify Conjugated Bile Acids in Human Fecal Samples Using Untargeted Tandem Mass Spectrometry	Julia Debik
10:10	**3**	**O3-3**	New Frontiers in Metabolomics	Geert Roelof van der Ploeg	Knowledge-guided analysis of postprandial metabolomics data using coupled tensor factorizations	Julia Debik
10:30			**Break**	**Fika**		
11:15	**4**	**O4-1**	Multi-omics	Enrique Almanza Aguilera	Plasma multi-omics profiles linking body composition with the risks of diabetes and cardiovascular disease in adult women.	Craig Wheelock
11:35	**4**	**O4-2**	Multi-omics	Shashank Gupta	Sex-specific lipid-mediated mechanisms drive MASLD progression revealed by paired liver–blood multi-omics	Craig Wheelock
11:55	**4**	**O4-3**	Multi-omics	Ivo Kwee	HRMS-based multi-omics integration strategy to map aging in Caenorhabditis elegans	Craig Wheelock
12:15	**4**	**O4-4**	Multi-omics	Elina Kovalenko	Metabolite-proteome interactions are pleiotropic disease drivers in kidney disease	Craig Wheelock
12:35			**Lunch**			
14:00	**5**	**K3**	**Keynote**	**Valerie O'Donnell**	Lipidomics studies identify platelet phospholipids that drive coagulation and thrombosis	Katja Elgstøen
14:30	**5**	**O5-1**	Lipidomics	Mathieu Galmiche	Steroid hormones as mediators of endocrine disruptions related to cannabis consumption in young men	Katja Elgstøen
14:50	**5**	**O5-2**	Lipidomics	Lynn Alaeddine	Glutaminolysis Promotes Inflammation in White Adipose Tissue	Katja Elgstøen
15:10	**5**	**O5-3**	Lipidomics	Craig Wheelock	Targeted Spatial Metabolomics for Mapping Lipid Mediator-Related Inflammation in the Lung	Katja Elgstøen
15:30	**5**		**Lightning talks**	**Lightning-talk presenters**	Petra Chalova (P4), Anja Billing (P46), Barbora Pisklakova (P78), Natalia Remper (P82)	Ioanna Tsiara
15:40-17:00			**Poster session**	**Even numbered posters**	Including FIKA + coffee	
17:45			**Tour at Gustavianum**			
18:45			**Conference Dinner at Uppsala Castle**			

Day 3

Date	Wednesday, 30 September 2026			Location	UKK venue · Uppsala, Sweden	
Start	**Session**		**Talk**	**Speaker**	**Presentation**	**Chair**
09:00	**6**	**K4**	**Keynote**	**Henrik Munch Roager**	From Metabolite Discovery to Mechanism: Decoding Diet-Microbiota–Host Interactions in Early Life	Alex Dickens
09:30	**6**	**O6-1**	Microbiome Metabolomics	Aina Vaivade	PFAS and OH-PCB Exposure is Associated with an Altered Bile Acid Homeostasis in Multiple Sclerosis	Alex Dickens
09:50	**6**	**O6-2**	Microbiome Metabolomics	Taťána Gazárková	Exploring human-associated Streptomyces as a source of novel bioactive metabolites using untargeted metabolomics	Alex Dickens
10:10	**6**	**O6-3**	Microbiome Metabolomics	Santosh Lamichhane	Biogeographical landscape of microbiome derived lipids in the human colon and small intestine	Alex Dickens
10:30	**6**	**GS2**	**Gold Sponsor - Thermo Fisher Scientific**	**Susan S. Bird**	Software, hardware and intelligent acquisition strategies for guided unknown metabolite characterization using the Thermo Scientific™ Orbitrap™ Tribrid Apex Mass Spectrometer	Alex Dickens
10:45			**Poster session with Fika**	**All posters**		
11:40			**Lunch**			
12:15			**Removal of posters**			
12:30	**7**	**P2**	**Plenary**	**Josephine Bunch**	Metrology for Mass Spectrometry Imaging	Ingela Lanekoff
13:10	**7**	**O7-1**	Spatial Metabolomics	Juan Carlos Cabellos Guillem	Spatial metabolic profiling of Patient-Derived Prostate Cancer adherent primary cell cultures by MALDI Mass Spectrometry Imaging	Ingela Lanekoff
13:30	**7**	**O7-2**	Spatial Metabolomics	Pascal Kadej	Spatial Glycomic and Peptidomic Phenotypes Define Primary and Recurrent Medulloblastoma	Ingela Lanekoff
13:50	**7**	**O7-3**	Spatial Metabolomics	Maria K. Andersen	All the sterol signals are just cholesterol: Another study on In-source Fragmentation with MALDI-2 MSI	Ingela Lanekoff
14:10			**Farewell and awards**			
14:45-16:45			MSI Get-together			