

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		Programme to confirm	Connie Petroschevsky
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	Programme to confirm	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	Tat'ána 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			
14:30–16:30			MSI Get-together			