

Metabolomics & the Microbiome 2025

29 October, dsm-firmenich, Delft, The Netherlands

Time	Title	Presenter
09:30 – 10:00	Registration & Networking with coffee & tea & treat	
10:00 – 10:15	Opening words	Adriana Corvalho de Souza dsm-firmenich, The Netherlands
10:15 – 10:45	How can we achieve a metabolomic breakthrough for microbiome science comparable in impact to NGS and metagenomics?	Jack Geremia Matterworks Inc Somerville/Boston Massachusetts United States of America
10:45 – 11:15	Coffee break	
11:15 – 12:00	Language model-guided anticipation and discovery of mammalian metabolites	Mike Skinnider Princeton University United States of America
12:00 – 12:15	MycoMSbase: a repository of fungal MS/MS spectra that enables functional and evolutionary metabologenomics in the ecologically versatile ascomycete family Hypoxylaceae	Esteban Charria Girón Wageningen University & Research The Netherlands
12:15 – 12:30	Resolving GI Metabolome Complexity via High-Throughput Ion Mobility-Assisted Ambient MS	Vera Plekhova Ghent University, Belgium
12:30 – 13:15	Lunch	
13:15 – 14:00	Poster session	
14:00 – 14:30	Damage is Inevitable and Repair is Essential – Also in Metabolism	Carole Linster Luxembourg Centre for System Biomedicine, Luxembourg
14:30 – 14:45	Community-level metabolic adaptation to antibiotic pressure revealed by untargeted metabolomics in uropathogen co-cultures.	Larissa Della Vedova University of Utrecht The Netherlands
14:45 – 15:00	<i>Sponsor presentation</i> Metaproteomics: a new powerful omics tool. Insights from a pilot study on fermented fecal samples supplemented with prebiotics	Morten Danielsen Cmbio, Denmark
15:00 – 15:30	Coffee break	
15:30 – 15:45	Mapping microbial lipid production: the impact of linoleic acid on gut microbiota composition and function	Josep Rubert Wageningen University & Research The Netherlands
15:45 - 16:00	Antimicrobial agents inhibit ellagitannins' biotransformation in ex vivo gut microbiota incubations	Dominik Popowski Antwerp University, Belgium
16:00 – 16:35	Metabolomics and microbiomes: in need of a systems perspective	Bas Teusink VU Amsterdam & Scientific Director of the Holomicrobiome Institute, The Netherlands
16:35 – 17:15	Panel Discussion	

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