

Microbiome-based diagnostics to assess composition and function of the microbiome

Scientific Program

Friday, December 5, 2025

Arrival	
Welcome Till Strowig (HZI, Brunswick) & Lisa Maier (University Hospital Tübingen)	11:00 - 11:15
Keynote lecture: Identifying robust diagnostic gut microbiome signatures through meta-analyses Georg Zeller (Leiden University Medical Center, Netherlands)	11:15 - 11:45
Keynote lecture: 774 pathogen species across 4 domains: insights from over 10,000 clinical samples in over 5 years of routine metagenomics in Germany Silke Gurmaz (Noscendo GmbH, Duisburg)	11:45 - 12:15
LUNCH	12:15 - 13:15
Session 1	
COL-REssay: Towards microbiome-based correlates of protection against GI infections from human stool samples Lisa Maier (University Hospital Tübingen), Till Strowig (HZI, Brunswick), Bärbel Stecher-Letsch (Technical University of Munich)	13:15 - 13:45
DZIF Bridging Topic "Diagnostics" Nicole Fischer (University Medical Center Hamburg-Eppendorf, Hamburg)	13:45 - 14:00
Longitudinal cohorts in microbiome research - insights and challenges Lena Biehl (University Hospital Cologne)	14:00 - 14:25
CAP-NGS, how can metagenomic help us diagnose lung infection Sebastien Boutin (DZL, University of Lübeck)	14:25 - 14:50
Coffee Break	14:50 - 15:20
Session 2	
Translational Research in DZIF – Product Development Unit Thomas Hesterkamp (DZIF, PDU, Brunswick)	15:20 - 15:45
Insights into Microbiome Patenting Nico Riffel (Fuchs Patentanwälte Partnerschaft mbB, Frankfurt)	15:45 - 16:05
Towards the 'theory of everything' (microbiome version) Eran Elinav (Weizmann Institute of Science, Israel)	16:05 - 16:30
Closing remarks	16:30 - 17:00

Venue

Station Lounge

Am Hauptbahnhof 10

60329 Frankfurt am Main



ORGANIZERS: Till Strowig, Lisa Maier & Bridging Topic Microbiome