

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

Scientific Program

Friday, 5th of December 2025

Arrival	
Welcome Till Strowig (HZI, Brunswick) & Lisa Maier (University Hospital Tübingen)	11:00 - 11:05
Keynote lecture: Identifying robust diagnostic gut microbiome signatures through meta-analyses Georg Zeller (Leiden University Medical Center, Netherlands)	11:05 - 11:35
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)	11:35 - 12:05
LUNCH	12:05 - 13:05
Session 1	
DZIF Bridging Topic "Diagnostics" Nicole Fischer (University Medical Center Hamburg-Eppendorf, Hamburg)	13:05 - 13:20
Longitudinal cohorts in microbiome research - insights and challenges Lena Biehl (University Hospital Cologne)	13:20 - 13:45
CAP-NGS, how can metagenomic help us diagnose lung infection Sebastien Boutin (DZL, University of Lübeck)	13:45 - 14:10
Keynote lecture: Towards the 'theory of everything' (microbiome version) Eran Elinav (Weizmann Institute of Science, Israel)	14:10 - 14:40
Coffee Break	14:40 - 15:10
Session 2	
Translational Research in DZIF – Product Development Unit Thomas Hesterkamp (DZIF, PDU, Brunswick)	15:10 – 15:35
Insights into Microbiome Patenting Nico Riffel (Fuchs Patentanwälte Partnerschaft mbB, Frankfurt)	15:35 - 15:55
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)	15:55 - 16:15
Closing remarks	16:15 - 16:20

Venue

Station Lounge

Am Hauptbahnhof 10

60329 Frankfurt am Main



ORGANIZERS: Till Strowig, Lisa Maier & Bridging Topic Microbiome