

Advancing Gut Health Research Through European Collaboration

miGut-Health final conference

30 NOVEMBER 2026 · VILNIUS, LITHUANIA

Lithuanian Academy of Sciences · Grand Conference Hall · Gedimino pr. 3, Vilnius

09:00-09:30	Registration
09:30-10:00	Welcome talks
I STATE-OF-THE-ART TECHNOLOGIES AND EMERGING BIOMARKERS IN GUT HEALTH	
10:00-10:40	Recent advances in multiplex real-time PCR and multi-omics Junko F. Stevens R&D Senior Director, Life Technologies Industry keynote Thermo Fisher Scientific
10:40-11:00	Break
II MICROBIOME RESTORATION IN INTESTINAL HEALTH AND DISEASE: THE ROLE OF FECAL MICROBIOTA TRANSPLANTATION	
11:00-11:30	The Future of Fecal microbiota transplantation in Europe Prof. Juozas Kupčinskas LSMU
11:30-12:00	The recipient's resident ecology, not the intervention, is the rate-limiting variable Prof. Dr. Bahtiyar Yilmaz University of Bern
12:00-12:30	Targeting the gut microbiota in IBD, where are we? Nicolas Benech, MD, PhD Lyon 1 / Hospices Civils de Lyon
12:30-13:15	Lunch break
III SCIENTIFIC ADVANCES AND CROSS-PROJECT SYNERGIES IN EUROPEAN GUT HEALTH RESEARCH	
13:15-13:20	Session opening and introduction
13:20-13:50	Biomarkers and disease prediction Jonas Halfvarson INTERCEPT and miGut-Health Actionable biomarkers and early prediction of IBD/Crohn's disease: Insights from both projects
13:50-14:30	Dietary interventions and prevention Philip Rosenstiel PerPrev-CID From disease prediction to personalised prevention: longitudinal, dietary and digital health data Guendalina Graffigna miGut-Health Patient engagement and dietary behaviours in IBD: insights from miGut-Health
14:30-15:10	Mucosal mechanisms and barrier function Salomé Pinho GlycanTrigger How mucosal glycocalyx shapes barrier integrity, microbial interactions and gut immunity in IBD Jurgita Skiecevičienė LSMU miGut-Health Microbiome-derived metabolites and intestinal barrier function: mechanistic insights from miGut-Health
15:10-15:30	Coffee break
15:30-16:10	Microbial triggers and immune signatures Hesham El Abd DARKMATTER Microbial exposures and adaptive immune signatures in IBD: insights from DARKMATTER Mathieu Groussin miGut-Health Global gut microbiome diversity and host-microbe interactions: insights from miGut-Health
16:10-16:50	Multi-omics, AI and precision medicine Florian Tran 3TR Longitudinal multi-omics, disease trajectories and precision medicine Rinse Weersma miGut-Health Integrating microbiome, lifestyle and digital health data for personalised IBD care: insights from miGut-Health
16:50-17:10	Cross-project synthesis
17:10-17:30	Closing remarks

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