



7th Luxembourg Microbiology Day

May 16th 2024 @Uni.lu, Limpertsberg Campus, Auditorium 003 (162a, Avenue de la Faïencerie)

Programme (Extended registration deadline until May 7th: <https://microbiology.lu/lmd-2024>)

- 09:10 Registration and Welcome coffee to participants
- 09:25 Opening speech by LSfM's Vice-President, Dr. Christian PENNY
- 09:30 **Keynote** presentation by **Prof. ass. Elisabeth Letellier**, University of Luxembourg, LU, **"The human microbiome and cancer"**
- 10:15 4 selected presentations by **PhD students** in microbiology
- Multiomic Analysis of Gut Microbiota Reveals Alterations in Archaeal Functions in Parkinson Disease Patients, **Polina Novikova** (LCSB)
 - Genomic-driven culturing of biotechnologically relevant bacteria Planctomycetota, **Dominika Klimek** (LIST)
- 10:45 – 11:15 Coffee break and poster session
- A Personalised Cancer-on-Chip Model for the Study of Gut Microbiota in Colorectal Cancer Initiation and Progression, **Polina Turbina** (LCSB)
 - Investigating mucin-degrading bacteria in inflammatory bowel diseases, **Mihovil Joja** (LIH)
- 11:45 7th ordinary **General Assembly** of the LSfM including a vote on changes of the LSfM Statutes
- 12:20 Lunch & Poster session
- 13:30 **Keynote** presentation by **Prof. Alain Kohl**, Liverpool School of Tropical Medicine, Liverpool, UK **"Applications of bunyavirus reverse genetics to understanding vertebrate immune responses"**
- 14:15 4 selected presentations by **researchers** in microbiology
- Complement-activating Multimeric immunotherapeutic complexes (CoMiX) elicit killing of Pseudomonas aeruginosa and prevent biofilm formation, **Aubin Pitiot** (LIH)
 - Multi-omics analysis of gut microbiota unveils microbial functions alterations associated to Parkinson's disease, **Rémy Vilette** (LCSB)
 - From Pixels to Dimensions: Multimodal MALDI Imaging Shaping the Future of Microbial Analysis, **Maureen Feucherolles** (LIST)
 - Wastewater surveillance for human respiratory and enteric viruses in Luxembourg: an adequate tool for an early warning system? **Manon Chassaing** (LIST)
- 15:15 Coffee break & Poster session
- 15:45 **Keynote** presentation by **Dr. Ian Morrissey**, Antimicrobial focus Ltd., Sawbridgeworth, UK, **"New agents and strategies to combat antimicrobial resistance"**
- 16:30 **Awards ceremony** for the best oral communications (2 prizes of 250€ each) and conference achievement grants
- Starting at 17:15 Cocktail and Dinner at Hitch (optional, 20€ cost contribution per participant)