



## 4<sup>th</sup> Luxembourg Microbiology Day

July 1<sup>st</sup> 2021

Maison du Savoir Amphi 3.510 (uni.lu) & Virtual conference

### Programme

- 09:00 Welcome to participants & Opening speech by LSfM's President, Dr Jos EVEN
- 09:15 Keynote presentation by **Dr Manon BOURG: The State Veterinary Laboratory: One lab, two fields of action (LMVE, LU)**
- 10:00 3 presentations by **post-doc fellows** in microbiology:
- Adaptive genomic and metabolic traits influence microbial islands of life in alpine streams: **Susheel Busi** (Uni.lu)
  - Improving metaproteomic identification by focusing on the spectra that matter: **Benoît Kunath** (Uni.lu)
  - Functions and structure of electrogenic bacterial communities in bioelectrochemical systems for bioremediation: **Anna Espinoza** (University of Milano-Bicocca, IT)
- 10:45 Short break
- 11:00 Science-in-society **roundtable** discussion "**Key research in microbiology meets public health, national policy and society – The example of the national COVID-19 pandemic**"
- Introduction & Moderation by **Jean-Paul BERTEMES**, Head of Science in Society, FNR
- Presentations by **Dr Thomas DENTZER**, Health Directorate, Ministry of Health, **Dr Joël MOSSONG**, Sanitary Inspection Services, Ministry of Health, **Dr Henry-Michel CAUCHIE**, Luxembourg Institute of Science and Technology (LIST), **Prof Paul WILMES**, University of Luxembourg.
- Open discussion** with all participants
- 12:30 Lunch break
- 13:15 Keynote presentation by **Prof Colin MURRELL: Microbial growth on the climate-active gas isoprene (University of East Anglia, UK)**
- 14:00 3 presentations by **PhD students** in microbiology:
- Substrate-mediated active organization in sessile bacterial colonies: **Ghazaleh Eshaghi** (Uni.lu)
  - Generation-scale evolution of the gut resistome under selective antibiotic pressure: **Laura de Nies** (Uni.lu)
  - Interaction between the microbiome, epithelial cells and immune cells in the context of allergic airway inflammation: **Lucas Morel** (Lih.lu)
- 14:30 **LSfM's Award ceremony** for the best oral communications (2 prizes of 250€ each)
- 15:00 Closing of the Luxembourg Microbiology Day

Please **register for the event before Friday June 25<sup>th</sup> 2021** by following **this link** and **filling out the form**: <http://microbiology.lu/lsfm-day-2021/>.