

PROGRAMME

08:30 – 09:00	Welcome Coffee	
09:00 – 09:05	Introduction	
09:05 – 09:40	***Keynote lecture*** **Marek BASLER** Biozentrum, University of Basel, Switzerland	**Spatial and temporal regulation of Type 6 Secretion System dynamics during interactions with bacterial and eukaryotic cells**
09:40 – 10:00	**Safa BEN TAARIT** Microbial Resistance and Drug Discovery, VIB-VUB Center for Structural Biology, VUB	**Loss of a novel outer membrane protein alters envelope homeostasis and reduces capsule formation in the top priority pathogen *Acinetobacter baumannii***
10:00 – 10:20	**Corentin BRUYNS** Laboratory of Microbiology, European Plotkin Institute for Vaccinology (EPIV), ULB	**Order in diversity: Non-random associations among highly variable Streptococcal surface proteins**
10:20 – 10:40	**Agathe COUTURIER** de Duve Institute, UCLouvain	**Caught or Spared: Exploring the cellular rules of bacterial predation**
10:40 – 11:10	Coffee break	
11:10 – 11:30	**Linus WILHELM** Research Unit in Biology of Microorganisms (URBM), NARILIS, UNamur	**Investigating novel surface exposed glycopolymers in the pathogen *Brucella abortus***
11:30 – 11:50	**Anastasiia NADIEINA** Cellular and Molecular Microbiology, ULB	**Bacterial cell division protein FtsZ complexes with a phage protein to activate bacterial immunity**
11:50 – 12:10	**Tiffany BELLANGER** Cellular and Molecular Pharmacology (FACM), Louvain Drug Research Institute (LDRI), UCLouvain	**Relationships between lipid composition, biophysical properties, and antimicrobial susceptibility in *Staphylococcus aureus***
12:10 – 12:30	**Laure SIMOENS** iR.I.P. unit, Laboratory for Microbiology, Ghent University	**Exploring protease-deficient mutants to improve bacterial microprotein detection**

12:30 – 12:50	**Hadrien INNES** Bacterial Genetics and Physiology, ULB	**R-body extension disseminates toxic particles and protects free living bacteria from phagocytosis**
12:50 – 13:10	**Mauro GODELAINE** Centre for Protein Engineering (CIP), ULiège	**Interplay between mobile genetic elements and nucleoid-associated proteins**
13:10 – 14:15	Lunch	
14:15 – 14:50	***Keynote lecture*** **Zeynep BAHAROGLU** Institut Pasteur, Paris, France	**Epitranscriptomic secrets of bacterial resilience**
14:50 – 15:10	**Mari TAGEL** Research Unit in Biology of Microorganisms (URBM), NARILIS, University of Namur, Belgium	**Direct regulation of PRPP synthesis by (p)ppGpp in *Caulobacter crescentus***
15:10 – 15:30	**Maëlle PAILLAT** Laboratoire d'Ingénierie des Systèmes Macromoléculaire, Aix-Marseille Univsersité, France *(current affiliation : UCLouvain)*	**Interplay between secretion systems and gliding motility for predation in *Flavobacterium johnsoniae***
15:30 – 15:50	**Matthew HERDMAN** Laboratory of Microbial Systems Cell Biology, KU Leuven	**Spatiotemporal characterisation of cell cycle progression and growth in Bacteroides**
15:50 – 16:10	**Thomas ZUR NEDDEN** Bacterial Genetics and Physiology, ULB	**Resuscitation of colistin-induced viable but not culturable cells in *Acinetobacter baumannii***
16:10 – 16:15	Closing remarks	
16:15 – 17:30	Beer hour	