

FIFTH ANNUAL MEETING OF

# the Namur Research Pole in Infectiology

December 4th, 2023

PROGRAMME

- 09:30 *Welcome coffee*
- 10:00 *Introduction*
- 10:05 **Pathogenesis of Enterococcal biofilm-associated infections**  
**Prof. Kimberly KLINE**, Department of Microbiology and Molecular Medicine, Faculty of Medicine, University of Geneva, Switzerland
- 10:45 **Decrypting type-III effector-driven pathogenesis the omics way**  
**Prof. Petra VAN DAMME**, iRIP Unit, Laboratory of Microbiology, Department of Biochemistry and Microbiology, Ghent University, Belgium
- 11:05 **Linking the subcellular localization of the Tad pilus to the cell cycle in a predatory bacterium**  
**Coralie TESSEUR**, de Duve Institute, UCLouvain, Brussels, Belgium
- 11:25 **Reverting antibiotic resistance to fight *Streptococcus pneumoniae* infections**  
**Dr. Liselot DEWACHTER**, de Duve Institute, UCLouvain, Belgium
- 12:05 **Seqalis™ Sponsor flash talk**  
**Xavier DEGHORAIN**, Seqalis, Gosselies, Belgium
- 12:10 *Lunch & Networking*
- 13:30 **How cytosolic bacteria inhibit RNF213-mediated cell autonomous immunity**  
**Dr. Magdalena SZCZESNA**, Imperial College London, UK
- 14:10 **Study of the biogenesis of the VirB type IV secretion system in *Brucella abortus***  
**Charline FOCANT**, Research Unit in Microorganisms Biology, NARILIS, University of Namur, Belgium
- 14:30 **Bacteriocins as a potential alternative to eradicate untreatable intracellular *S. aureus***  
**Dr. Frédéric GOORMAGHTIGH**, Louvain Drug Research Institute, UCLouvain, Brussels, Belgium
- 14:50 **Structural and functional characterization of a copper efflux membrane protein: PcoB from *Caulobacter crescentus***  
**Laurelenn HENNAUX**, Laboratory of Physical Chemistry of Biomolecules, NARILIS, NISM, University of Namur, Belgium
- 15:10 *Coffee break*
- 15:40 **Characterization of envelope stress responses in Bacteroidetes**  
**Dr. Gwennaëlle LOUIS**, Research Unit in Microorganisms Biology, NARILIS, University of Namur, Belgium
- 16:00 **Unraveling the chromosome of a predator: a dramatic shift in chromosome organization goes hand in hand with transcriptional changes in *Bdellovibrio bacteriovorus***  
**Dr. Renske VAN RAAPHORST**, de Duve Institute, UCLouvain, Brussels, Belgium
- 16:20 **Protective properties of Enn surface proteins against Group A *Streptococcus***  
**Cyprien WIDOMSKI**, Institute for Medical Immunology and ULB Center for Research in Immunology (U-CRI), ULB, Brussels, Belgium
- 16:40 **Intoxication of Antibiotic Persisters by Host RNS Inactivates their Efflux Machinery During Infection**  
**Dr. Séverin RONNEAU**, Department of Microbiology, Harvard Medical School, Boston, USA
- 17:00 *Belgian Beers*