	08.30-09.00	**Registration and poster mounting**
Plenary session: Aud Lise Thiry	09.00-09.05	**Welcome address** – Charles Van der Henst (VUB)
	09.05-09.50	**Section B – Applied and Environmental Microbiology** – Chair: Pieter-Jan Ceyssens (Sciensano) **Kevin Verstrepen (KU Leuven)** **Leveraging biotechnology to generate superior yeasts for industrial processes**
	09.50-10.35	**Section A – Host-Microbe Interactions** – Chair: Charles Van der Henst (VUB) **Seamus Holden (University of Warwick)** **The role of cytoskeleton dynamics in bacterial cell division**
	10.35-11.00	Coffee break
Parallel sessions	11.00-12.30 Lise Thiry	**Section A – General Microbiology** – Chair: Gipsi Lima-Mendez (UNamur) Charline Focant – The VirB type IV secretion system is localized at the growth pole in ***Brucella abortus*** Hans Carolus – Unraveling Fitness Trade-offs in Multidrug-Resistant Fungi: A Path to Optimized Treatments Tea Glonti – Developing of interpretation method to monitor the bacteria-phage and -antibiotic co-proliferation: synergy, proto-cooperation or antagonism Kevin Broux – The extended life cycle of phage λ
	11.00-12.30 Madeleine de Genst	**Section B – Applied and Environmental Microbiology** – Chair: Pieter-Jan Ceyssens (Sciensano) Mahmoud Naser Aldine – Botocidin: A novel bacteriocin produced by a nontoxic ***C. botulinum*** strain HA5 Ibtissem Ben Fekih – Beneficial microorganisms for sustainable agriculture: impact on aphids and tritrophic interactions Anna Krzynowek – Machine Learning Meets Metagenomics: PlasticEnz for Plastic Enzyme Degradation Discovery Lionel Dehaemers – Co-evolutionary dynamics of probiotic ***Escherichia coli*** Nissle 1917 and ***Salmonella*** Typhimurium i biofilms
	11.00-12.30 Elisabeth Wollast	**Section C – Host-Microbe Interactions** – Chair: Anne Op de Beeck (ULB)/Marie Joossens (UGent) Wondemagegn Mulu – ***Campylobacter*** infection differences associated with characteristic fecal microbiome signatures of Ethiopian under-five children with acute diarrhea Alexandra Maure – Innovative mRNA Vaccines for Bacterial Pathogens: Insights from the BAXERNA Project on ***Acinetobacter baumannii*** Frédéric Goormaghtigh – Phenotypic profiling of intracellular ***S. aureus*** persisters Corentin Bruyns – Three-piece suit: M and M-like proteins as a virulence trio in GAS infections
	12.30-13.10	Lunch break
	13.10-14.30	Poster session
Plenary session: Aud Lise Thiry	14.30-15.15	**"In the spotlight" lecture** – Chair: Karoline Faust (KU Leuven) **Ophelia Venturelli (Duke University)** **Understanding And Engineering Microbial Communities Across Space And Time**
	15.15-16.00	**Section C – General Microbiology** – Chair: Anne Op de Beeck (ULB)/Marie Joossens (UGent) **Lucie Etienne (CIRI, Lyon)** **Functional evolution of the antiviral innate immunity across scales**
	16.00-16.45	**BSM Honorary Lecture** – Chair: Charles Van der Henst (VUB) **Jan Michiels (KU Leuven)** **Antibiotic persistence: a journey through mechanistic and evolutionary landscapes**
	16.45-17.00	**Announcement of poster and agar art awards – closing words** Chair: Charles Van der Henst (VUB)
	17.00-	**Closing Reception**