

Program

Tuesday November 16, 2021

- 8:30-8:45** **Welcome Address**
Keira Melican
Chair, Swedish Society for Microbiology (SFM), Karolinska Institute
Debra Milton
Director NDPIA, Umeå University

Bacteriology

Chairperson: TBD

- 8:45-9:15** **TBD**
- 9:15-9:45** **Anaerobic nitrate reduction divergently governs population expansion of the enteropathogen *Vibrio cholerae***
Felipe Cava
Department of Molecular Biology, Umeå University
- 9:45-10:00** **Break**
- 10:00-10:45** **Speakers from abstract submissions**
- 10:45-11:00** **Break**
- 11:00-12:30** **Poster Walks**
12 minutes each / 5 per hour
- 12:30-13:30** **Lunch**

Virology

Chairperson: TBD

- 13:30-14:00** **A bispecific monomeric nanobody induces spike trimer dimers and neutralizes SARS-CoV-2 in vivo**
Gerald McInerney
Department of Microbiology, Tumor and Cell Biology, Karolinska Institute
- 14:00-14:30** **TBD**
Marie Larsson
Department of Biomedical and Clinical Sciences, Linköping University
- 14:30-14:45** **Break**
- 14:45-15:30** **Speakers from abstract submissions**

Methodology

Chairperson: TBD

- 15:30-16:00** **TBD**
Johan Malmström
Department of Clinical Sciences, Lund University

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Eukaryotes

Chairperson: TBD

- 8:45-9:15** **Parasite developmental decision making during the mosquito transmission of malaria**
Oliver Billker
Department of Molecular Biology, Umeå University
- 9:15-9:45** **Giardia- on or off makes a difference**
Staffan Svärd
Department of Cell and Molecular Biology, Uppsala University
- 9:45-10:00** **Break**
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Clinical Visions

Chairperson: TBD

- 13:30-14:00** **TBD**
Malin Inghammar
Department of Clinical Sciences, Lund University
- 14:00-14:30** **Host-directed therapy against respiratory tract infections**
Peter Bergman
Department of Laboratory Medicine, Karolinska Institute
- 14:30-14:45** **Break**
- 14:45-15:30** **Department of Clinical Sciences, Lund University**

Environment

Chairperson: TBD

- 15:30-16:00** **Bacterial adaptations to survive and succeed in aquatic ecosystems**
Stefan Bertilsson
Department of Ecology and Genetics, Evolutionary Biology Center, Uppsala University

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Thursday November 18, 2021

Bacteriology

Chairperson: TBD

- 8:45-9:15 Gut microbiota and metabolic diseases**
Valentina Tremaroli
Department of Molecular and Clinical Medicine, University of Gothenburg
- 9:15-9:45 TBD**
Maria Fällman
Department of Molecular Biology, Umeå University
- 9:45-10:00 Break**
- 10:00-10:45 Speakers from abstract submissions**
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Host Response

Chairperson: TBD

- 13:30-14:00 Group A streptococcus encounters with the human host: virulence and immunopathogenesis**
Anna Norrby-Teglund
Department of Medicine, Center for Infectious Medicine, Karolinska Institute
- 14:00-14:30 Epigenetic changes in the immune system during infectious disease**
Maria Lerm
Department of Clinical and Experimental Medicine, Linköping University
- 14:30-14:45 Break**
- 14:45-15:30 Speakers from abstract submissions**

One Health - Zoonotics

Chairperson: TBD

- 15:30-16:00 Antimicrobial resistance in the human/animal/environment interface - a One Health approach**
Josef Järhult
Department of Medical Sciences and Zoonosis Science Center, Department of Medical Biochemistry and Microbiology, Uppsala University