

Microbiota and Health

Arranged by -



November 30, 2020

Session 1: Introduction to Microbiota and Tools for Study

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|---|---|
| 8:30-9:30 | Welcome / Participant Introductions |
| 9:30-10:15 | Introduction to Microbiomes
<i>Björn Schröder</i>
<i>Umeå University, Sweden</i> |
| 10:15-10:30 | Break |
| 10:30-11:15 | Microbiome Study Design and Data Analysis
<i>Valentina Tremaroli</i>
<i>Gothenburg University, Sweden</i> |
| 11:15-12:00 | Animal Models to Study Microbiomes
To be announced |
| 12:00-12:45 | Lunch |
| 12:45-13:45
Keynote Talk | Our Microbiome: Targets and Therapies for the Tract
<i>Willem de Vos</i>
<i>Wageningen University, Netherlands</i>
<i>University of Helsinki, Finland</i> |
| 13:45-14:00 | Break |
| 14:00-15:00 | Poster session
Group 1 |
| 15:00-16:00 | Exercises and discussions |

December 1, 2020

Session 2 Microbiota Interactions with Intestines and Host Metabolism

- 8:45-9:30** **Microbiota Interactions with mucosal surfaces**
Gunnar Hansson
Gothenburg University, Sweden
- 9:30-10:15** **Immune System and Inflammatory Bowel Diseases**
Lena Öhman
Gothenburg University, Sweden
- 10:15-10:30** **Break**
- 10:30-11:15** **Microbiomes in Diabetes and Obesity**
Fredrik Bäckhed
Gothenburg University, Sweden
- 11:15-12:00** **Lunch**

Session 3 Microbiota Interactions with Drugs

- 12:00-12:45** **Drug-Microbiota Interactions**
Nassos Typas
EMBL Heidelberg, Germany
- 12:45-13:30** **Gut Microbiome Contributions to Drug Metabolism and Toxicity**
Michael Zimmerman
EMBL Heidelberg, Germany
- 13:30-13:45** **Break**
- 13:45-14:45** **Poster session**
Group 2
- 14:45-15:45** **Exercises and discussions**

December 2, 2020

Session 4 Microbiota Shaping Humans

11:30-12:15 Lunch

12:15-13:00 **Effects of Diet and Age on the Microbiome**

Paul O'Toole

*School of Microbiology and APC Microbiome Ireland, University College
Cork, Ireland*

13:00-13:45 **Early Life Microbiota**

Anne Salonen

*Human Microbiome Research Program, Faculty of Medicine, University of
Helsinki, Finland*

13:45-14:00 **Break**

14:00-14:45 **Microbiota and Skin Health**

Jürgen Harder

Kiel University, Germany

14:45-15:30 **Microbiota-Gut-Brain Axis**

To be announced

15:30-15:45 **Break**

15:45-16:45 **Poster session**

Group 3

16:45-17:00 **Break**

17:00-18:00 **Ancestral and Industrialized Gut Microbiota**

Erica and Justin Sonnenburg

Stanford University School of Medicine, CA, USA

December 3, 2020

Session 4 Microbiota Shaping Humans

- 8:45-9:30** **Oral Microbiota in Health and Disease**
Toni Gabaldón
Institute for Research and Biomedicine (IRB), Barcelona, Spain
- 9:30-10:15** **Genitourinary Tract Microbiome**
Lars Engstrand
Karolinska Institute, Sweden
- 10:15-10:30** **Break**

Session 5 Modifying the Microbiota

- 10:30-11:15** **Prebiotics and Probiotics**
To be announced
- 11:15-12:00** **Fecal Transplants**
Max Nieuwdorp
University of Amsterdam, Netherlands
- 12:00-12:45** **Lunch**

Session 6 Microbiota in Other Organisms

- 12:45-13:30** **Microbiota of Farmed Animals**
Phillip Pope
Norwegian University of Life Sciences
- 13:30-14:15** **Microbiota and Plant Health**
To be announced
- 14:15-14:30** **Break**
- 14:30-15:30** **Poster session**
Group 4
- 15:30-16:30** Exercises and discussions
Final remarks