

PROGRAM

THURSDAY, 31 OCTOBER 2019

18:00 – 19:00 **KEYNOTE LECTURE & OPENING**



Personalizing treatments using microbiome and clinical data
Eran Segal, Professor, *Weizmann Institute of Science, Israel*

19:00 – 20:30 **WELCOME RECEPTION**

FRIDAY, 01 NOVEMBER 2019

9:00 – 11:00 **PREGNANCY AND PREGNANCY COMPLICATIONS**



Pregnancy Microbiome
Omry Koren, Senior Lecturer, *Bar Ilan University, Israel*



Pregnancy in Inflammatory Bowel Disease: Reciprocal Interactions
Gwenny Fuhler, Assistant Professor, *University Medical Center Rotterdam, Netherlands*



How genes and environment influence vertical transmission of the microbiome
Duccio Cavalieri, Associate Professor, *University of Florence, Italy*



Pregnancy on the human microbiome, factors that might influence it and the ground-breaking studies
Gregory Caporaso, Northern Arizona University, USA



The Microbiome of the Reproductive Tract and Pregnancy
Gregory Buck, Professor, *Virginia Commonwealth University, USA*

Panel Discussion

11:00 – 11:30 Coffee Break & Poster Presentations

11:30 – 12:30 **DEBATE: “ARE WE BORN STERILE?”**



CON - **Kjersti Aagaard**, Professor, *Baylor College of Medicine, USA*

Vs.



PRO - **Mathias Hornef**, Professor, *RWTH University Hospital, Germany*

12:30 – 14:00 Lunch Break

14:00 – 16:00 **BIRTH MODE**



Probiotics in Pregnancy and Early Infancy
Erika Isolauri, Chief Physician, *Turku University Hospital, Finland*



Vaginal Microbiome and Preterm Birth
David MacIntyre, Senior Lecturer, *Imperial College London, UK*



Necrotizing Enterocolitis
Josef Neu, Professor, *University of Florida Health, USA*



Vaginal seeding post C-section
Jose Clemente, Principal Investigator, *Clemente Lab, Icahn School of Medicine, USA*

Panel Discussion

16:00 – 16:30 Coffee Break & Poster Presentations

16:30 – 18:00 **THE NEONATAL PERIOD: PART 1**



Strain Level Transmission from Mother to Child
Nicola Segata, Professor, *University of Trento, Italy*



Antibiotics in Pregnancy and Lactation and the Influence on Behaviour
John Bienenstock, Professor, *McMaster University, Canada*



Ontogeny of the enteric host-microbial interaction
Mathias Hornef, Professor, *RWTH University Hospital, Germany*



The Infant Microbiome
Moran Yassour, Postdoctoral Fellow, *Broad Institute of MIT and Harvard, USA*

Panel Discussion

SATURDAY, 02 NOVEMBER 2019

09:00 – 10:30 **THE NEONATAL PERIOD: PART 2**



Gut Microbiome in Preterm infants

Samuli Rautava, Neonatologist, *University of Turku, Finland*



Impact of early life factors on microbiota development: focus on bifidobacteria

Miguel Gueimonde, Research Scientist, *IPLA-CSIC, Spain*



Early life microbiome and infection

Olga Sakwinska, Senior Scientist, *Nestle Research Center, Switzerland*

Panel Discussion

10:30 – 11:00 Coffee Break & Poster Presentations

11:00 – 12:00 **DEBATE: “MICROBIOME AND BREASTFEEDING – DOES IT EXIST, IS IT GOOD OR BAD?”**



Maria Carmen Collado, Senior Researcher, *Institute of Agrochemistry and Food Technology, Spain*

Vs.



David Mills, Professor, *University of California, USA*

12:00 – 13:30 Lunch Break

13:30 – 15:00 **PROBIOTICS AND PREBIOTICS IN PREGNANCY AND INFANCY**



Probiotics in Pregnancy and Infancy

Seppo Salminen, Professor, *University of Turku, Finland*



Lessons from negative trials on probiotics

Hania Szajewska, Professor, *Medical University of Warsaw, Poland*



Modulating the preterm gut microbiota

Lindsay Hall, Microbiome Research Leader, *Quadram Institute, UK*

Panel Discussion

15:00 – 15:30 Coffee Break & Poster Presentations

15:30 – 16:30 **ROUND TABLE DISCUSSION – THE FUTURE OF MICROBIOME**
