

**Time** Wednesday, March 16, 2016  
**Place** Leena Palotie-Sali, Auditorium 101A in the Main Building of the Medical Campus,  
University of Oulu, Oulu, Finland  
**Chairpersons** Anna Laitakari and Pierre Leprovost

## PROGRAMME

### Session 1: Opening and Keynote

Chaired by Anna Laitakari

- 09.00-09.05 Opening remarks  
**Anna Laitakari**, Chair of the Organizing Committee, Biocenter Oulu
- 09.05-09.15 Welcome  
**Prof. Johanna Myllyharju**, Scientific Director of Biocenter Oulu
- 09.15-09.20 Welcome  
**Prof. Seppo Vainio**, Director of Biocenter Oulu Doctoral Programme
- 09.20-10.00 **Keynote**  
*"Advances in human microbiome research"*  
**Prof. Karen E. Nelson**, J.Craig Venter Institute, Rockville, USA
- 10.00-10.40 *Coffee at the exhibition area (40 min)*

### Session 2: Treatment of the Microbiome

Chaired by Pierre Leprovost

- 10.40-10.45 Thermo Fisher presentation
- 10.45-11.20 *"Probiotic intervention during pregnancy for reducing the risk of childhood diseases"*  
**Prof. Erika Isolauri**, University of Turku, Finland
- 11.20-11.55 *"Gut commensals as next generation probiotics: we need them for clinical treatment and health promotion"*  
**Dr. Hermie Harmsen**, University of Groeningen, The Netherlands
- 11.55-13.30 *Lunch break and exhibition (1 h 35 min)*

### Session 3: Microbiome Related Diseases

Chaired by Anna Laitakari

- 13.30-13.35 Biobank presentation – Pia Nyberg
- 13.35-14.10 *"Dynamics and development of the human microbiota and its impact on health and disease"*  
**Prof. Lars Engstrand**, Karolinska Institutet, Sweden
- 14.10-14.45 *"Our second genome and health"*  
**Dr. Petri Auvinen**, University of Helsinki, Finland
- 14.45-15.15 *Coffee at the exhibition area (30 min)*

### Session 4: Influencing the Microbiome

Chaired by Pierre Leprovost

- 15.15-15.50 *"Drugging host-microbe interactions"*  
**Dr. Filipe Gomes Cabreiro**, University College London, UK
- 15.50-16.25 *"Diet, microbiota and response-based stratification"*  
**Dr. Anne Salonen**, University of Helsinki, Finland
- 16.25-16.35 General discussion and concluding remarks