

11th Nestlé International Nutrition Symposium Nutrition and the Human Gut Microbiome

Nestlé Research Center, Lausanne, 22-24 October 2014

Wednesday, 22 October 2014

19:00 Welcome Buffet at the "Beau-Rivage Palace Hotel", Lausanne

Thursday, 23 October 2014

08:00 Bus departure from Beau-Rivage Palace Hotel
08:55 **Welcome to the 11th Nestlé International Nutrition Symposium**
Thomas Beck, Nestlé Research Center

The Gut Microbiome: Facts and Figures

Session 1

09:00 **Chairman of the Session: Josef Penninger**, Institute of Molecular Biotechnology, Vienna, Austria
09:15 **Willem de Vos**, Wageningen University, The Netherlands
Keynote lecture: The role of commensal bacteria in the gut
10:15 Break (Foyer Pasteur)
10:45 **Dusko Ehrlich**, INRA, Jouy-en-Josas, France
Gut microbial richness impacts human health
11:30 **Hiroshi Kiyono**, The University of Tokyo, Japan
Cross-talk between the mucosal immune system and environmental factors
12:15 Buffet Lunch (Foyer Pasteur)

Host - Microbiome Interaction

Session 2

13:30 **Chairman of the Session: Susan Suter**, University of Geneva, Switzerland
13:45 **Annick Mercenier**, Nestlé Research Center, Lausanne, Switzerland
Mechanisms of cross talk in the gut
14:30 **Fredrik Bäckhed**, University of Gothenburg, Sweden
Molecular understanding of host microbiota interplay in the gut and its role in glucose metabolism - impact of infant microbiota?
15:15 Break (Foyer Pasteur)
15:30 **Paul O'Toole**, University College Cork, Ireland
Relationship of diet to gut microbiota diversity, stability and health in older people

16:30 Bus departure to the Hotel
19:00 **Cocktail & Formal Dinner at the "Beau-Rivage Palace Hotel" Lausanne**
Dinner speech by **Peter Brabeck-Letmathe**, Chairman, Nestlé SA

Friday, 24 October 2014

08:00 Bus departure from Beau-Rivage Palace Hotel

Disease and Treatment

Session 3

- 09:00 **Chairman of the Session: Zulfiqar Bhutta**, The Aga Khan University, Karachi, Pakistan
- 09:15 **Rob Knight**, University of Colorado, Boulder, USA
Gut microbes and their role in malnutrition and obesity
- 10:00 Break (Foyer Pasteur)
- 10:15 **Jun Wang**, BGI, Shenzhen, China
The gut metagenome - your other genome
- 11:00 **Max Nieuwdorp**, Amsterdam Medical Center, The Netherlands
Fecal transplant to mine for novel probiotics
- 11:45 Buffet Lunch (Foyer Pasteur)
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Nutritional Interventions

Session 4

- 12:45 **Chairman of the Session: Keiko Abe**, The University of Tokyo, Japan
- 13:00 **Liping Zhao**, Jiao Tang University, Shanghai, China
Interactions between gut microbiota, host genetics and diet
- 13:45 **Hania Szajewska**, The Medical University of Warsaw, Poland
Pediatric intervention - what works and what doesn't work
- 14:30 Break (Foyer Pasteur)
- 15:00 **Nicholas Schork**, J. Craig Venter Institute, La Jolla, USA
Keynote lecture: Perspectives for nutrition and the gut microbiome
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Concluding Remarks

- 16:00 **Stefan Catsicas**, Chief Technology Officer, Nestlé SA
- 16:15 End of Symposium
- 16:30 Bus departure to Geneva Airport
Bus departure to Beau-Rivage Palace Hotel