



The Intestinal Microbiome and Diet in Human and Animal Health

February 6-8, 2017, Hof van Wageningen, Wageningen, the Netherlands

Monday (Hof van Wageningen)

13.00-14.00 **Arrivals & Registration**

14.00-14.30 **Introduction into the course**

Hauke Smidt, Wageningen University & Research, NL
From Man to Mice and Back

Who, when & where – Patterns of gut microbial colonization

14.30-15.15 Katri Korpela, University of Helsinki / EMBL, FI/DE
Early life microbiome, antibiotics & stress

15.15-16.00 Ian Jeffery, University College Cork, IE
Microbiome in the elderly

16.00-16.30 Coffee & Tea Break

16.30-17.15 Anne Salonen, Helsinki University, FI
Impact of diet on microbiota – how to best stratify

17.15–18.00 Jun Wang, KU Leuven, BE
Impact of Genotype - Quantitative Genetic study on Microbiome Variation

18.00-19.00 Dinner

19.00 -21.00 Short Introduction Participants – 2 minutes of Fame
Poster Session



Tuesday

Microbiome in Human Health and Disease

9.00- 9.45 Gerben Hermes, Wageningen University & Research, NL
Microbiota and metabolic syndrome

9.45 -10.30 John Penders, Maastricht University, NL
Microbiota and the resistome

10.30 -11.00 Coffee Break

11.00- 11.45 Clara Belzer, Wageningen University & Research, NL
Akkermansia & diabetes

11.45 – 12.30 Aletta Kraneveld, UMCU, NL
Gut-immune-brain axis

12.30 -14.00 Lunch & Poster Session

14.00 – 14.45 Joost Wiersinga, University of Amsterdam, NL
Models for infectious disease research

14.45 – 15.30 Susana Fuentes, RIVM, NL
FMT as treatment for intestinal diseases

15.30 – 16.00 Coffee Break

Specific Microbes & their action

16.00 -16.45 Petra Louis, Univ. Aberdeen, UK
Impact of diet on microbial metabolite production

16.45 - 17.30 Nam Bui, Wageningen University & Research, NL
Amino acid degraders

17.30 -18.30 Dinner

Microbiome 2020 – Interactive Session

18.30 -19.00 Willem M de Vos, Wageningen University & Research/Helsinki University
New Frontiers in Microbiome Research

19.00 – 19.30 Luc Sterkman, Caelus Health
Microbiome-based innovations – fact or fiction



Wednesday

In vitro & in vivo models

- 9.00-9.45 Hans Bouwmeester, Wageningen University & Research, NL
Gut on a Chip Models
- 9.45-10.30 Thomas Clavel, Technical University München, DE
Mouse Models
- 10.30-11.00 Coffee Break

Companion & Production Animals

- 11.00-11.45 Hauke Smidt, Wageningen University & Research, NL
Pigs and their microbiome
- 11:45-12:30 Joan Edwards, Wageningen University & Research, NL
Of cows, horses and their anaerobic fungi
- 12.30-13.30 Lunch
- 13.30-14.15 Dirkjan Schokker, Wageningen Livestock Research, NL
Early life development of poultry microbiota

Conclusions and Feedback

- 14.15-15;00 Erwin Zoetendal, Wageningen University & Research, NL
Cause or correlation – the need for mechanistic studies in gut microbiome research
- 15.00-15:30 Feedback on the course