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