

**Postgraduate Course**  
**The Intestinal Microbiome and Diet**  
**in Human and Animal Health**  
**6 - 8 February 2017**  
*(Wageningen, The Netherlands)*



### AIM OF THE COURSE

This advanced course aims to provide a detailed scientific background on the mechanisms that underlie the role of the microbiome in human and animal nutrition and health. The program combines knowledge on microbial composition and function with dietary and genetic factors in humans, laboratory and farm animals, as well as the development of relevant in vitro model systems.

### COURSE DESIGN

The course consists of a series of lectures providing the latest scientific knowledge on the different subjects, short presentations by participants, a poster session and an interactive session. Participants are challenged to actively contribute to discussions. Within the programme one session is devoted to three-minute pitches by participants, there is a poster session and an interactive session on three specific topics.

### PARTICIPANTS

The course is aimed at postgraduates (PhD) with a background in animal, veterinary, biological, health, or food sciences and open for participants from both industry and universities/research centers.

### PROGRAMME TOPICS

- Models – from artificial guts to rodents
- Microbiome & Animal health
- Microbiome & Human health
- Microbial physiology and interactions in the gut
- Microbiomes 2020 – Challenges and opportunities ahead

### COURSE LECTURERS & ORGANIZERS

#### Wageningen University & Research:

##### Laboratory of Microbiology

Dr Gerben Hermes, Dr Nam Bui & Dr Joan Edwards

##### Wageningen Livestock Research

Dr Dirkjan Schokker

##### RIKILT

Prof. Hans Bouwmeester

##### Caelus Health

Dr Luc Sterkman

##### University of Helsinki

Dr Katri Korpela & Dr Anne Salonen

##### Technical University of Munich

Dr Thomas Clavel

#### Organization

##### Wageningen University & Research:

##### Laboratory of Microbiology

Prof. Hauke Smidt (course leader), Dr Clara Belzer, Prof. Willem M. de Vos, Dr Erwin Zoetendal

##### The Graduate School VLAG

Eva Oudshoorn, MSc

### COURSE FEES

VLAG / WU PhD candidates	€ 185,-
All other PhD candidates	€ 400,-
Postdocs, and other academic staff	€ 600,-
Participants from the private sector	€1200,-

*Course fee includes materials, lunches/tea/coffee and one dinner.*

### REGISTRATION AND INFORMATION

[www.vlaggraduateschool.nl/courses/int-microbiome.htm](http://www.vlaggraduateschool.nl/courses/int-microbiome.htm)

For information contact:

Eva Oudshoorn: [eva.oudshoorn@wur.nl](mailto:eva.oudshoorn@wur.nl)

