

Postgraduate Course

Epigenesis & Epigenetics

- Physiological consequences of perinatal nutritional programming -
31 May – 2 June 2017, Wageningen, The Netherlands



AIM OF THE COURSE

Conditions during development and early life may have profound effects on physiological functioning and phenotypes and health in later life. This course aims to provide a detailed scientific background on the epigenetic mechanisms that mediate the link between development and adult phenotypes, both at the physiological and gene expression level. The program contains state-of-the-art lectures on epigenetic mechanisms, their role and significance across species, and in addition focusses on perinatal programming by nutritional factors in humans, laboratory and farm animals.

COURSE CONTENTS

The course consists of:

- a series of lectures by national and international experts from different disciplines providing the latest scientific knowledge on the different subjects.
- a hands-on workshop where the participants can learn more on Pyrosequencing (DNA methylation), Droplet PCR (miRNA) or genome-wide DNA methylation analysis.
- discussions on the participants own research projects

PARTICIPANTS

The course is aimed at postgraduates (MSc, PhD) with a background in animal, biological, health or food sciences and open for participants from both industry and university/research centres. Participants are invited to present their own work (poster or oral presentation) and challenged to actively contribute to discussions.

Abstracts can be submitted to: wilma.steegenga@wur.nl

COURSE LECTURERS & ORGANIZERS

Wageningen University and Research: Prof Bas Zwaan, Prof Bas Kemp, Dr Wilma Steegenga, Dr Elmar Tobi, Dr Aart Lammers,
Nutricia Research: Dr Mona Mischke
Netherlands Cancer Institute: Dr Fred van Leeuwen
Leiden University Medical Centre:, Dr Bas Heijmans
Lund University: Dr Charlotte Ling
Linköping University: Dr Carlos Guerrero-Bosagna
University Medical Centre Groningen: Dr Torsten Plösch, Prof Paul de Vos

COURSE FEES¹

VLAG / WU PhD candidates	€ 185,-
All other PhD candidates	€ 375,-
Postdocs, and other academic staff	€ 750,-
Participants from the private sector	€1300,-

¹ includes materials, lunches/tea/coffee and 1 dinner.

INFORMATION AND REGISTRATION

<http://www.vlaggraduateschool.nl/en/courses/course/EPI17.htm>

For information contact:
 Chantal Doeswijk
 E-mail: chantal.doeswijk@wur.nl
 Phone: +31 317485143

