



WAGENINGEN
UNIVERSITY & RESEARCH

Course

Gut health in pigs and poultry

The influence of nutrition and immunology

Maintaining or promoting intestinal health is of crucial importance for optimal production efficiency, overall health and promoting the welfare of our production animals. Are you wondering what factors affect gut health? New insights and developments from research on topics like the immune system in pigs and poultry, immune modulatory interventions, effect of the diet on intestinal health, interplay of gastro-intestinal microbiota will be covered in this course.

Target group

The course is aimed at enriching knowledge of professionals (post graduate/academic level) and is intended for technical managers, R&D employees, nutritionists, veterinarians, researchers and teachers in poultry and swine science, as well as participants from the supplying industry or government.

Results

After the course you will have up to date knowledge on a number of factors affecting intestinal health of production animals. During the course there is ample time to discuss issues of importance with the presenters, all who are experts in their particular science discipline. In addition, the course provides opportunity to network with colleagues.

Date	18 November 2021
Location	Wageningen Campus

Course leader Prof. Huub Savelkoul,
Wageningen University &
Research

Outline and topics

The course includes a variety of presentations. There will be various opportunities for interaction between participants and the experts.

The following topics will be discussed:

- The immune system in pigs and poultry
- Interplay of gastro-intestinal microbiota with its animal host
- Lessons learned from immune modulatory interventions in poultry
- Importance of the intestinal innate immune responses as a determinant for health and growth
- Effect of the diet on intestinal health in pigs and poultry
- Potential feed additives



Programme

Thursday 18 November 2021

- **Enhancing the power of the immune system in pigs and poultry**
Prof. H.F.J. (Huub) Savelkoul, Wageningen University & Research, The Netherlands
- **Interplay of Gastro-Intestinal Microbiota with its Animal Host**
Prof. H. (Hauke) Smidt, Wageningen University & Research, The Netherlands
- **Lessons learned from immune modulatory interventions in poultry**
Dr A. (Aart) Lammers, Wageningen University & Research, The Netherlands
- **The intestinal innate immune response, mechanisms and implications for feed composition and feed additives**
Prof. T.A. (Theo) Niewold, Niewold Consultancy, Belgium
- **Effect of the diet on intestinal health in pigs and poultry**
Dr A.J.M. (Alfons) Jansman, Wageningen University & Research, The Netherlands
- **Intestinal health: what is there to add?**
Prof. G.P.J. (Geert) Janssens, Universiteit Gent, Belgium

Practical information



€ 650,- per person and covers tuition, course materials, lunch and refreshments.



Between 15 and 35 participants/
Max. 35 participants.



Based on your attendance you will receive a certificate after the programme is finished.

Registration

Enrollment is possible until 25 October 2021, or if the maximum number of participants is reached. Register via www.wur.eu/academy.

[Register](#)

Wageningen Academy

We develop and organise trainings and courses for professionals, based on Wageningen University & Research expertise.

Contact

www.wur.eu/academy

E info.wageningenacademy@wur.nl

T +31 (0)317 – 48 40 93



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