

# Einladung

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## zum 4. Symposium

im Rahmen des intrauniversitären Forschungsclusters

## „Animal Gut Health“

zum Themenkomplex

*„Empowering Gut Health in Farm Animals: Potentials and Challenges“*

**Montag, 17. November 2014**

**Beginn 8.15 Uhr**

Veterinärmedizinische Universität Wien

Panoramasaal

Veterinärplatz 1, 1210 Wien

## Program

- 8.30 Uhr      Grußwort und Eröffnung  
**Otto Doblhoff-Dier, Vizerektor für Forschung, Vetmeduni**
- 8.35 Uhr      Begrüßung  
**Michael Hess, Department für Nutztiere und öffentliches Gesundheitswesen  
in der Veterinärmedizin, Vetmeduni**
- Moderation  
**Qendrim Zebeli, Institute of Animal Nutrition and Functional Plant Compounds,  
Vetmeduni**
- 8.40 Uhr      **Jürgen Zentek, Institute of Animal Nutrition, Free University of Berlin,  
Germany**  
*Keynote talk*  
  
*Nutrition and gut microbiota - host interactions in pigs:  
potentials, challenges and limitations*
- 9.20 Uhr      **Barbara Metzler-Zebeli, University Clinic for Swine, Vetmeduni**  
*Does RS4-type resistant starch has prebiotic properties in pigs?*
- 9.40 Uhr      **Evelyne Mann, Institute of Milk Hygiene, Vetmeduni**  
*Lymphatic tissues of pigs - evidence for metabolically active bacteria  
and a prediction of their metagenomic capacity*
- 10.00 Uhr     **Wageha Awad, University Clinic for Avian, Reptile and Fish Medicine,  
Vetmeduni**  
*Campylobacter jejuni colonization in the chicken gut has a negative effect on the  
utilization of selected nutrients and ions*
- 10.20 Uhr     **Hauke Harder, Institute of Animal Nutrition and Functional Plant  
Compounds, Vetmeduni**  
  
*Processing of cereals and phosphorous supplementation modulates rumen  
fermentation and microbiota in Rusitec*
- 10.40 Uhr     Coffee break
- Moderation  
**Martin Wagner, Institute of Milk Hygiene, Vetmeduni**
- 11.10 Uhr     **Stefanie Wetzels, Institute of Animal Nutrition and Functional Plant  
Compounds, Vetmeduni**  
  
*Pyrosequencing reveals shifts in the bacterial epimural community in goats fed  
different concentrate amounts*

- 11.30 Uhr **Annabella Khol-Parisini, Institute of Animal Nutrition and Functional Plant Compounds, Vetmeduni**  
*Feeding barley grain treated with lactic acid modulated rumen microbiota in dairy cows but differently in free and particle-associated rumen liquid*
- 11.50 Uhr **Mickdam Elsayed, Institute of Animal Nutrition and Functional Plant Compounds, Vetmeduni**  
*Induced subacute rumen acidosis (SARA) causes strong shifts in the microbiome of the rumen*
- 12.10 Uhr **Poulad Pourazad, Institute of Animal Nutrition and Functional Plant Compounds, Vetmeduni**  
*Monitoring intraruminal pH differences in cows during subacute rumen acidosis and normal conditions in cattle*
- 12.30 Uhr End of the Symposium