

08 3 **Nutrition strategies for health in farm animals** (n.V.) Jürgen **Zentek**
- S - (1 CP) (max. 10 Teiln.)
n.V. – Dahlem Brümmerstr. 34, Institut of Animal
Nutrition

Nutrition is an essential element for supporting health and well-being in farm animals. The course will include the most important nutritional problems in pigs, cattle and poultry and students will learn to implement suitable nutritional strategies. Health problems occur especially in young animals, for instance in piglets around weaning. The understanding of physiological and pathophysiological sequelae including the pathophysiology of intestinal and metabolic disorders is essential to provide a better basis for adequate dietary options and the prerequisite for modern nutritional concepts. The importance of nutritional factors and adequate dietary intakes for the maintenance of health seems obvious. The students will learn the most important nutritional problems in farm animals, will get an overview about the pathophysiological background, and will get an overview about new concepts for preventive medicine. The course work will include: digestive problems, reproductive problems, metabolic disorders, skeletal disorders, nutritional effects on the immune function.

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