



Editorial news and events

Book review

Proceedings of the Society of Nutrition Physiology The 69th Annual Meeting of the Society of Nutrition Physiology of Germany Goettingen, March 10–12, 2015, vol. 24

Society of Nutrition Physiology (Ed.), DLG-Verlag GmbH, Eschborner Landstraße 122, 60489 Frankfurt am Main (Germany) (2015), 196 pp., Price: 29.90 € plus postage, Softcover, ISBN: 978-3-7690-4108-8

The proceedings of the meeting comprise a review lecture entitled ‘Spongiform encephalopathies in humans and animals’ by M.H. Groschup from the Institute for New Animal Diseases of the Friedrich-Loeffler-Institute (Federal Research Institute of Animal Health), Greifswald, Island Riems, Germany, 165 abstracts, and 3 contributions to the workshop ‘New aspects in physiology and nutrition of sows regarding actual developments in breeding’.

The author of the review analysed the background and the development of scrapie and BSE in cattle and small ruminants. Scrapie can be considered as the prototype of all transmissible spongiform encephalopathies (TSE) in humans and animals. The author gave an overview about the epidemiological BSE-situation. Up to now more than 400 BSE-cases were diagnosed in Germany. Unfortunately, the author submitted only one abstract for this very important and interesting topic instead of a complete review paper.

The peer reviewed abstracts (one page each) are devoted to the following topics:

- Feedstuff evaluation and feeding (31 contributions)
- Digestion (24 contributions)
- Feed additives (32 contributions)
- Environment (4 contributions)
- Energy (13 contributions)
- Undesirable substances (3 contributions)

- Fatty acids (7 contributions)
- Other topics (17 contributions)
- Minerals (11 contributions)
- Amino acids and nitrogen (12 contributions)
- Transport- and epithelial physiology (11 contributions)

Most of the presented papers are from scientists from German institutes of animal nutrition and animal physiology, but contributions are also included by scientists from other European countries as well as from overseas (e.g., Egypt, New Zealand, USA). Feed additives, feed evaluation and feeding and digestion are, with 87 contributions, the most dominating topics (53% of all presentations) during the meeting.

The workshop covers new aspects in the physiology and nutrition of sows regarding actual developments in breeding. The papers deal with genetic factors on reproductive traits in pigs, physiological aspects of lactation capacity in sows and the supply of energy and nitrogen in breeding sows.

The Proceedings 2015 review current research activities in animal physiology and animal nutrition in Central Europe and are recommended to all those working in animal nutrition and animal physiology, but also in feed science. A key word index would be helpful for the reader to find topics of interest to him or her.

The Proceedings of the 69th Meeting (Vol. 24, 2015) are available from the DLG-Verlag, Eschborner Landstraße 122, D-60489 Frankfurt am Main, Germany.

The next meeting of the Society of Nutrition Physiology of Germany (the 70th) will be held in Goettingen from 15th–17th March 2016.

This year, the Committee for Requirement Standards of the Society of Nutrition Physiology did not contribute to the Annual Meeting. But some months ago, the Committee published new nutrient requirements for horses entitled '**Energy and Nutrient Requirements for Horses (2014)**'.

The new recommendations (the previous one were published in 1994) reflect the present scientific knowledge in horse nutrition under consideration of various breeds, living phases and expected performances. On the basis of new data, the energy and protein requirements of horses and the content in feeds and diets were deduced on the basis of metabolizable energy and precaecal digestible (pcd) crude protein and amino acids, respectively.

The mineral requirements of horses were newly calculated under consideration of pregnancy and lactation of mares, growing foals and perspiration of working horses. A complete new chapter entitled 'Species-specific Nutrition' (31 p.) was introduced in the volume dealing with feed intake, diet composition, feed structure, quality of water for drinking, supply of water as well as feed and feeding hygiene. The new recommendations for horses may be of interest and can be recommended for all these dealing with horses professionally or as a hobby.

The 'Energy and Nutrient Requirements for Horses' (in German) are available at the DLG-Verlag GmbH, Eschborner Landstraße 122, 60489 Frankfurt am Main (Germany) 2014, Hardcover, 190 p.; 49.90 € plus postage, ISBN 978-3-7690-0805-0

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