

## Special Issue

# Advances in Dairy Cow Nutrition and Metabolism

### Message from the Guest Editor

Adequate nutrition of dairy cows involves knowledge of energy and nutrient requirements for each particular period in the production cycle. Although these requirements will vary for transition and late lactating cows it is increasingly acknowledged that different periods within this production cycle should be considered closely linked to each other, and taking into account consequences for metabolism and nutritional status of the cow. Investigating these relationships not only requires the use of modern methods such as -omics-techniques but also of well-established methods. In each case, the animal experiment is the basis for all following methodological procedures to scrutinize associations between feed, ruminal and intestinal digestion and absorption, metabolism, immune status and general health, and last but not least the milking performance. For this purpose, I invite you to share your recent findings with the community as a contribution to a more holistic understanding of the cow. Original and review papers are welcome.

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### Guest Editor

Prof. Dr. Sven Dänicke

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### Deadline for manuscript submissions

closed (31 October 2019)



## Animals

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### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

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