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Advances in Dairy Cow Nutrition and Metabolism

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Sven Dänicke
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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