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Nutrient Metabolism Studies in Companion Animals

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Deadline for manuscript submissions:
closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

Companion animals, regarded as family members, have drawn increasing attention from researchers. Animal owners are increasingly concerned about the health of their companion animals, having moved to feeding pets healthier diets in the hopes of improving the animals' quality of life and prolong their lifespan through daily nutrition. Among them, the most concerning issues, such as obesity, intestinal health, skin health and diabetes, are related to nutrient metabolism. Therefore, nutrient metabolism research in companion animals is a compelling field with important health implications. These studies provide some theoretical basis for precision nutrition in companion animals.

This Special Issue aims to focus on the study of nutrient metabolism, the interactions between nutrients and gut microbiota and nutrient-related metabolic diseases in companion animals. This Special Issue is not only intended for the presentation of basic research results (cell or animal models), but is also open to results from epidemiological studies. In addition, novel measurement methods, bioinformatical tools and data analysis concepts are welcome.

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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