Nutrition, Gut Microbiome and Health in Dogs and Cats

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Message from the Guest Editors

Dear Colleagues,

The gut microbiome is an important determinant of health in companion animals, including dogs and cats. It is shown to be modifiable through diet, and it may determine various health outcomes. Compared to human gut microbiomes, our understanding of canine and feline gut microbiomes is only in its infancy. With recent advances in microbiome sequencing technology, the emerging use of functional ingredients, such as insect- and plant-based proteins, pre-/pro-/post-biotics in pet food, as well as novel diets and supplemental products targeting various life stages or diseases, many research questions in this area need to be explored. Enhancing our understanding of canine and feline gut microbiomes could significantly improve not only the well-being of the pets themselves, but also positively impact pet owners. Moreover, it could lead to new opportunities for innovation in products and services within the pet health industry.

The goal of this Special Issue is to investigate the relationship between nutrition, the gut microbiome, and health in dogs and cats. We welcome both literature reviews and original research papers using either trials or observations.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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