

Special Issue

Role of Gut Microbiota in Farm Animal Health

Message from the Guest Editor

The gut or gastrointestinal tract consists of a complex network of micro-organisms. These microorganisms, collectively referred to as the gut microbiota, have been identified as having an important role in animal health, affecting metabolism, behavior, and overall physiological health and performance of animals. Therefore, the goal of this Special Issue is to collect scientific articles that highlight the use and importance of microbiome data to advance our understanding of complex biological systems such as the immune system, nutrition, reproduction, disease resilience, and efficiency. This Issue welcomes interdisciplinary original research and reviews on the application of gut microbiota solutions to animal health. This may focus on the relationship between the gut microbiota and animal health, particularly health relating to specific disease conditions and animal life stages. We particularly welcome research that covers other groups of microorganisms (i.e., more holistic/entire microbiota) rather than just the bacterial populations. Research on all farm animals is welcome.

Guest Editor

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Message from the Editor-in-Chief

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