

## 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

Dr. Linda Boniface Oyama

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### Deadline for manuscript submissions

closed (25 July 2024)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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