

Special Issue

Microbial Infections in Ruminants

Message from the Guest Editor

Ruminants, particularly domestic ones, play a vital role in global agriculture, contributing to meat, milk, and fiber production. However, microbial infections continue to affect productivity and welfare across various production systems. These microbial infections (bacteria, viruses, fungi, and protozoa) can lead to severe economic losses and, in some cases, pose zoonotic risks to human health. This Special Issue focuses on microbial infections in ruminants, with an emphasis on their epidemiology, transmission, and control. We welcome contributions on innovative diagnostic methods, antimicrobial resistance, host–pathogen interactions, and prevention strategies such as vaccination and biosecurity. Studies providing insights into the management of microbial infections in both domestic and wild ruminants are highly encouraged. We invite you to submit original research, case studies, or reviews that advance knowledge and promote sustainable ruminant health management.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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