

## Special Issue

# The Diagnosis, Treatment, Prevention, and Epidemiology of Infectious Diseases in Livestock: A One Health Approach

### Message from the Guest Editor

Infectious diseases in livestock represent a persistent threat to animal health, food security, public health, and global trade. These diseases often result in significant economic losses and may serve as sources of zoonotic agents with pandemic potential. As the world faces increasing challenges, comprehensive strategies for diagnosing, preventing, and controlling infectious diseases have become more important than ever. This Special Issue aims to bring together valuable research submissions addressing the diagnosis, treatment, prevention, and epidemiology of infectious diseases in livestock. The scope also includes contributions that highlight the One Health dimension of these diseases. We welcome contributions focused on (but not limited to) the following topics:

- Molecular and conventional diagnostics for infectious agents in livestock

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### Guest Editor

Prof. Ricardo Barbosa Lucena  
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### Deadline for manuscript submissions

closed (2 June 2026)



**Microorganisms**

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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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### Editor-in-Chief

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indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).