

Special Issue

Diagnostics and Molecular Epidemiology of Infectious Diseases in Veterinary Medicine

Message from the Guest Editor

This Special Issue, in collaboration with Microbiology Research, focuses on diagnostic innovations and molecular epidemiology in Veterinary Medicine. It aims to highlight recent advances in detecting, characterizing, and investigating infectious diseases affecting domestic and companion animals. Given challenges like zoonotic pathogens and antimicrobial resistance, innovative diagnostics and epidemiological insights are increasingly vital. We welcome original research, reviews, and short communications on diagnostic and molecular approaches for bacterial, viral, and fungal pathogens. Submissions on rapid, cost-effective, point-of-care tests are especially encouraged, though the scope also includes molecular typing, disease surveillance, and related innovations. This initiative further seeks to promote knowledge exchange and interdisciplinary collaboration among professionals, supporting progress in animal and public health.

Guest Editor

Dr. Seyed Ali Ghorashi

1. School of Agricultural, Environmental and Veterinary Sciences, Charles Sturt University, Wagga Wagga, NSW 2678, Australia
2. Gulbali Institute, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Deadline for manuscript submissions

31 December 2025



Microbiology Research

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 2.8



mdpi.com/si/244078

Microbiology Research
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microbiolres@mdpi.com

[mdpi.com/journal/
microbiolres](https://mdpi.com/journal/microbiolres)





Microbiology Research

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 2.8



[mdpi.com/journal/
microbiolres](https://mdpi.com/journal/microbiolres)



About the Journal

Message from the Editor-in-Chief

Microbiology Research (ISSN 2026-7481) is an international, scientific, open access journal primarily focused on research examining the complex interplay among microorganisms and citizens, animals and the environment in a holistic one-health approach. The topics covered in the journal include, but are not limited to: Antibacterials and antimicrobials, Virology, Bacteriology, Microbiomes, Veterinary microbiology, Food microbiology, Agricultural microbiology, Yeast microbiology, Foodborne diseases, Infectious diseases, Fungal diseases. We would also like to include the topics from basic and translational medicine which aim to develop an understanding and treatment of major diseases in humans and animals.

Editor-in-Chief

Prof. Dr. Beniamino T. Cenci-Goga
Department of Veterinary Medicine, University of Perugia, 06121
Perugia, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Embase, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.7 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).