

Special Issue

Veterinary Microbiology: Emerging Zoonotic Pathogens Across Animal Species

Message from the Guest Editor

We welcome original research articles, review papers, and case reports addressing infectious diseases in companion animals, production animals, wildlife, and exotic species, including mammals, birds, reptiles, fish, and amphibians.

Topics of interest include, but are not limited to, pathogen emergence and transmission dynamics, host–pathogen interactions, virulence factors, epidemiology, and diagnostic approaches, including molecular methods.

Studies addressing resistance to antimicrobial agents (including antibacterial, antifungal, antiviral, and antiparasitic compounds), vaccine development, and novel therapeutic and control strategies targeting emerging zoonotic pathogens are also encouraged. These may include antimicrobial agents, vaccines, and bioactive compounds from natural and synthetic sources. Submissions should be framed within the context of animal health and, where applicable, their implications for human and environmental health, in line with the One Health approach.

Guest Editor

Dr. Stefanie Bressan Waller

Department of Veterinary Clinics, Faculty of Veterinary, Federal University of Pelotas (UFPEL), Pelotas 96010–610, RS, Brazil

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

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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.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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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).