

Special Issue

Diagnosis and Treatment of Microbial Infections in Pets

Message from the Guest Editors

This Special Issue will address current problems faced by veterinarians by providing a comprehensive and forward-thinking forum to share novel and innovative research on the diagnosis, treatment, and prevention of microbial infections in pets. Of particular interest are contributions that synthesize microbiology and clinical practice with pharmacology, epidemiology, biology, chemistry, and One Health perspectives. Topics of interest for this Special Issue include the following:

- Bacterial, fungal, and viral infections in dogs, cats, and exotic pets;
- The mechanisms and epidemiology of antimicrobial resistance in companion animals;
- Emerging and re-emerging pathogens in pets;
- New therapeutic strategies and alternative approaches;
- Antimicrobial use and surveillance in veterinary medicine;
- The zoonotic implications of pet-associated infections;
- Advances in molecular and rapid diagnostic methods;
- Translational and One Health approaches linking veterinary and human medicine.

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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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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).