

# Special Issue

## Bats and Their Microbial Diversity

### Message from the Guest Editors

Bats play essential ecological roles worldwide, and their wide range of habitats, ecological versatility, and long evolutionary history have connected them to a remarkable diversity of microorganisms, including fungi, bacteria, viruses, and other parasites. Environmental changes tend to increase the contact among bats and other wildlife, domestic animals, and humans, facilitating the emergence of new zoonotic pathogens. This Special Issue aims to gather high-quality research exploring the complexity, diversity, and functional roles of microorganisms found in bat populations. We welcome original research articles, reviews and communications regarding surveillance studies, microbial identification, host-microbe interactions, host immunity, evolutionary processes, and diagnostic approaches. Studies integrating conservation biology, habitat change, spillover risks in a One Health approach are encouraged. By bringing together diverse perspectives, this Special Issue seeks to advance our understanding of the microbial diversity associated with bats and its implications for ecosystems, wildlife health, and the interconnected health of animals, humans, and the environment.

### Guest Editors

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### Deadline for manuscript submissions

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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 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).