

Special Issue

Emerging Pathogens in the Context of One Health

Message from the Guest Editors

In recent years, various pathogens with significant concern to animal and public health, are on the verge of re-emergence. Recent reports have documented host expansion and adaptation of various controlled pathogens, particularly viruses, posing a significant threat to animal and human health. Interspecies transmission of pathogens such as viruses may trigger host adaptation with the potential of further ecological dissemination and disease outbreaks.

"Emerging pathogens in the context of One Health" aims to provide the latest developments in pathogen surveillance in animals and the environment on any aspect related to One Health. The original research, reviews, and communications encompassing varied aspects of pathogen detection, surveillance, and evolution, including but not limited to the following, are welcome for submission:

Emerging and re-emerging viruses in animals and birds, domestic and wild.

Emerging bacterial diseases in animals and birds. Waterborne viruses and other pathogens, including bacteria and parasites.

Genomic evolution of pathogens and their impact on animal and human health.

Guest Editors

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Deadline for manuscript submissions

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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

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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).