Special Issue

Viruses of Wild Mammals

Message from the Guest Editor

The emergence of SARS-CoV-2 in 2019 and the lack of an identified animal host for this virus illustrates the relative lack of knowledge we have of viruses of mammalian wildlife when compared to humans or domestic animals. Zoonotic threats are not the only issue of importance with regard to wildlife viruses. They can have strong impacts on their hosts even when host-specific, and also cause severe outbreaks in other wildlife species when they spill over, which can result in potential losses of biodiversity. Wild mammals are abundant, exceptionally diverse, and often difficult to access or sample, which can hinder progress in understanding their virology. Considering that the majority of viruses reside in wildlife, a full understanding of their ecology and evolution requires research on wildlife. This Special Issue is intended to bring together articles on viruses discovered in diverse wildlife of any mammalian order, in the wild or in captivity, and describe novel findings on their virology. We also encourage submissions on technical advancement in working with viruses from samples collected in the wild that help to overcome the many challenges associated with field-based studies.

Guest Editor

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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.

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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).

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