

## Special Issue

# Animal Virus Discovery and Genetic Diversity

### Message from the Guest Editor

Viruses are the most abundant and diverse biological entities on earth. Recent advances in metagenomic sequencing have ushered in a “golden age” of virus discovery, vastly expanding our understanding of the global virome. Yet the majority of investigations into animal virus diversity have focused on relatively few animal species and it is likely that the vast majority of viral diversity in animals remains uncharacterized. Viral genetic diversity exerts great practical importance by facilitating adaptation to new hosts and environments as well as the evasion of host immune responses and antiviral therapeutics. Recently, the COVID-19 pandemic has also bluntly highlighted that certain viruses within the spectrum of animal virus diversity can have massive importance as zoonotic agents. For this Special Issue, we invite the submission of original research and review articles that investigate the importance of animal virus genetic diversity at all levels: in individual hosts, within populations, and within ecosystems. Also welcome are articles that identify and characterize novel animal viruses of potential importance.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2025)



## Viruses

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### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Viruses* (ISSN 1999-4915). *Viruses* is published in open access format—research articles, reviews and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Viruses* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Dr. Eric O. Freed

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