

Special Issue

Viral Surveillance, Transmission, Pathogenesis, and Vaccine Development in Domestic Animals and Wildlife

Message from the Guest Editors

The prevalence of various animal viruses, including influenza viruses, coronaviruses, rotaviruses, etc., presents significant challenges to global public health and the livestock industry. This Special Issue focuses on research related to viruses in both domestic and wild animals. It includes surveillance of emerging and re-emerging viruses in domestic animals and wildlife to promptly detect potential threats. Additionally, this Special Issue explores transmission routes, aiming to clarify the dynamics of virus spread among different animal species. By analyzing pathogenic mechanisms, the research reveals how viruses affect their hosts while simultaneously advancing vaccine development to create effective prevention and control strategies. Through this multifaceted approach, this Special Issue seeks to mitigate virus dissemination, safeguard both human and animal health, and promote the sustainable development of the livestock industry. We look forward to receiving your submissions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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Dr. Eric O. Freed

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JCR - Q2 (Virology) / CiteScore - Q1 (Virology/Infectious Diseases)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).