Special Issue

Plant-Infecting Negative-Strand RNA Viruses 2025

Message from the Guest Editor

A wide and diverse array of negative-strand RNA viruses are well-known for their ability to infect both humans and animals. Similarly, several taxonomic families, such as Rhabdoviridae, Bunyaviridae, Tospoviridae, and Phenuiviridae, have been observed to impact cultivated plants and spread plant virus diseases worldwide. In this Special Issue, we aim to gather recent advances in the discovery of plant negative-strand RNA virosphere, as well as to study the mechanisms of negative-strand RNA viruses in plant infection. Contributions of original research, brief reports, communications and literature reviews may include, but are not limited to, the following topics:

- Discovery and/or pathogenesis of plant infecting negative strand RNA virus;
- Epidemiology and vector transmission;
- Virus replication;
- RNA silencing in plants;
- Other cellular and molecular mechanisms of plant virus infection.

Guest Editor

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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.

Editor-in-Chief

Dr. Eric O. Freed
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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).