

Special Issue

Emerging and Re-Emerging Plant Viruses and Vector Complexes: Advances in Characterization, Surveillance, and Mitigation

Message from the Guest Editors

Emerging and re-emerging plant viruses pose significant threats to global agriculture, impacting key food and fibre crops such as bananas, maize, potatoes, and wheat. These viruses can lead to substantial yield and economic losses. Emerging viruses are newly identified or have spread to new hosts or regions, while re-emerging viruses were once under control but have resurfaced due to factors like climate change, altered agricultural practices, and shifting crop varieties. The continuous evolution of viruses and their vectors complicates management efforts. Tackling these threats requires integrated approaches combining advanced research, early detection, better management strategies, and international cooperation.

The aim of this Special Issue is to bring together original research and review articles that highlight recent advancements and offer in-depth insights into emerging and re-emerging viruses and virus–vector complexes, within the context of evolving landscapes of crop and wild host species and changing environmental conditions.

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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

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