

Special Issue

Molecular Plant Virology: Mechanisms of Replication, Genome Packaging, and Pathogenesis in Positive- Strand RNA Viruses

Message from the Guest Editor

Almost all plant viruses are transmitted to their susceptible hosts by different vector species in infectious virion forms. The formation of infectious virions containing the genome involves two sequential, but complex, steps: replication and assembly of infectious virions. Replication is catalyzed by an active replicase complex consisting of virus-encoded replicase proteins and several host proteins. In this Special Issue of *Plants*, we focus on the latest advances in plant virus replication, genome packaging, and pathogenesis. Topics of interest include, but are not limited to, genome replication and packaging mechanisms, cell-to-cell and long-distance spread, RNA silencing, protein-protein interactions, and symptom development.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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