

Special Issue

Molecular Mechanisms Behind Plant–Virus Interactions: Pathogenesis and Defense

Message from the Guest Editor

In this Special Issue, we will showcase recent advances and studies exploring the dynamic interplay employed by plant viruses at the structural and molecular level to alter plant host signaling pathways, including reactive oxygen and nitrogen species (ROS and RNS) homeostasis. We invite the submission of new findings related to the functional analysis of key stress and resistance genes, as well as works describing the effects of the exogenous application of compounds on host plants under virus stress. We welcome the submission of original articles and reviews sharing recent discoveries with regard to the molecular mechanisms associated with pathogenesis and plant defense responses against viral pathogens.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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