

## Special Issue

# Plant Viruses and Virus-Induced Diseases

### Message from the Guest Editors

These years of discoveries have shown us that viruses constitute excellent probes to dissect basic plant biological processes, including transcriptional, post-transcriptional and translational control of gene expression, macromolecular trafficking and transport routes, basal and induced plant defence mechanisms, and many other areas of the plant architecture, development, physiology and metabolism. Plant viruses, on their own, are fascinating entities, having evolved an incredible array of smart strategies to express their genes from very compact genomes. Using very few building blocks, often a single polypeptide and a nucleic acid molecule, plant viruses produce transmission and persistence particles with amazing properties and an incredible biotechnological potential. Last, but not least, plant viruses cause global and regional economic losses in agriculture, being responsible for a significant proportion of devastating emergent and re-emergent plant diseases; plant virology has provided important solutions, but there is still more to come.

### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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