



Plant Virus Diseases: Update and Perspectives

Guest Editor:

Dr. Sayanta Bera

Department of Cell Biology and
Molecular Genetics, University of
Maryland, College Park, MD
20742, USA

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Message from the Guest Editor

Viral diseases are behind most current epidemics and are challenging to manage. To ensure virus infection in a plant population, viruses modulate the ecosystem that comprises plants, vectors, non-vectors, microbes, etc., to sustain in the environment. Current research shows that viruses can affect the secondary metabolites in plants, including phytohormones that play a critical role in plant-biotic and plant-abiotic interactions. However, critical research gaps remain on how ecology consisting of biotic and abiotic factors influences the viral molecular interactions with the host/vector, which could be engineered to better manage viral diseases and increase the longevity of host resistance in the field conditions.

This Special Issue seeks to publish studies on viral proteins and RNA structures that facilitate the establishment of infection in plants, the effect of virus-induced/suppressed secondary metabolites on plant-biotic/abiotic interactions, and the environment-dependent dynamic functionality of viral proteins. All types of articles, such as original research, opinions, and reviews, are welcome.





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
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Sydney, Sydney, NSW 2006,
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Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
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