Special Issue

Plant Virus Genome Diversity in Plant Hosts and Insect Vectors

Message from the Guest Editors

Plant viruses were initially identified and characterized as causing distinct disease symptoms in crop and ornamental plants and leading to economic losses in yield and quality. High-throughput sequencing technologies have now enabled the identification of viruses in environmental samples and host or vector transcriptomes independent of disease symptoms and without prior sequence knowledge. This has allowed the identification of plant-associated viromes consisting of both known and novel, acute and persistent viruses, and has helped refine virus classification and taxonomy. This Special Issue aims to highlight the continuing advances in our knowledge of genetic diversity and evolution of viruses associated with plant hosts, their endophytes, and fungal and arthropod vectors. We welcome original research articles, technical advances, and review articles on the identification, diagnosis, genetic diversity, phylogenetic characterization and interactions of viruses associated with plants and their vectors.

Guest Editors

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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