



## Ecology and Etiology of Plant Virus Diseases

Guest Editor:

**Prof. Dr. Akhtar Ali**

Department of Biological  
Science, The University of Tulsa,  
Tulsa, OK, USA

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

Among pathogens, plant viruses are economically important because they are responsible for more than half of the emerging infectious diseases in plants. Plant viruses are a continuous threat to agricultural crops and cause significant economic losses in crop yields worldwide. Therefore, it is important to understand the plant virus ecology and etiology before effective management strategies can be developed to minimize yield losses in specific agricultural crops. Additionally, understanding the interactions of plant virus diseases with their hosts (including alternate hosts), vectors, and mechanisms of transmission, prevalence, and sources of inoculum are vital to the management of plant virus diseases. Multiple yearly surveys and field-oriented studies and data to substantiate the above information on plant virus diseases are highly encouraged.

In this Special Issue, we welcome researchers to submit a manuscript (original research articles, reviews, opinions, short communications) that focuses on the ecology and etiology of plant virus diseases in agricultural crops including cereals, legumes, tuber crops, vegetables, fruit, and also weeds.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Lawrence S. Young

Warwick Medical School,  
University of Warwick, Coventry  
CV4 7AL, UK

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*General Immunology and Microbiology*)

## Contact Us

Pathogens Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pathogens](http://mdpi.com/journal/pathogens)  
[pathogens@mdpi.com](mailto:pathogens@mdpi.com)  
[X@Pathogens\\_MDPI](https://twitter.com/Pathogens_MDPI)