

Special Issue

Biology and Pathology of *Phytophthora infestans*

Message from the Guest Editor

Phytophthora infestans, the cause of late blight, is perhaps potentially the most devastating plant pathogen known to mankind, still threatening potato, a major food crop despite over a century of plant breeding and the development of new unique antimicrobial chemicals. The molecular evolution, population biology and development of new pathogenic strains has been studied exposing the genomic diversity and complexity of this microbe. The discovery of sources of resistance in wild potato relatives has presented possibilities for the breeding of new resistant crop varieties only leading to rapid breakdown of disease control. New chemistry has offered high levels of control only to be defeated by the emergence of new insensitive microbial strains. Disease forecasting has offered some respite but again the emergence of new highly virulent strains has complicated this management strategy.

Guest Editor

Prof. Michael D. Coffey

Department of Microbiology & Plant Pathology, University of California, Riverside, CA, USA

Deadline for manuscript submissions

closed (31 October 2020)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/28731

Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)





Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)



About the Journal

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

Prof. Dr. Moriya Tsuji

School of Engineering Medicine, Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007, Houston, TX 77030, USA

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, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)