

Special Issue

The Remaining Threat of *Magnaporthe oryzae*

Message from the Guest Editor

The hemibiotrophic filamentous rice blast fungus, *Magnaporthe oryzae*, remains the biggest threat to global rice production being worldwide the most devastating disease of cultivated rice. Recent studies emphases on understanding infection-related development, host invasion, and fungal growth in rice cells to help us to understand the rice blast fungus biology and the molecular underpinnings of host infection. Such findings may aid the search for durable disease mitigation strategies. For this Special Issue, we seek original research or review articles or any other types of papers that focus on the molecular mechanisms and signaling pathways in both *M. oryzae* and rice during *M. oryzae*–rice interaction.

Guest Editor

Dr. Martha C. Giraldo

Plant Pathology and Tissue Culture Lab., Dept. of Agro-Environmental Sciences, College of Agricultural Sciences, University of Puerto Rico-Mayagüez Campus, Mayagüez, Puerto Rico

Deadline for manuscript submissions

closed (20 June 2025)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/164865

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. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, 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)