

## Special Issue

# Interactions between Filamentous Fungal Pathogens and Hosts

### Message from the Guest Editor

A large number of filamentous fungi are of agricultural importance, including the causal agents of plant diseases and biological control agents of arthropod and nematode pests. Such fungi have evolved diverse mechanisms for adaptation to broad spectrum or specific hosts and manifold lifestyles, which are believed to favor the use of host nutrients through saprophytic, pathogenic and predatory lifecycles. The post-genomic era has been witnessing progress in the exploration of molecular mechanisms underlying fungus–host interactions to combat plant diseases and develop biological control programs of arthropod and nematode pests. This Special Issue will address diverse fungus–host interactions for insights into agricultural importance of plant- and insect-pathogenic and nematophagous fungi. This Special Issue of the *Journal of Fungi* will present state-of-the-art reviews and research articles on the topic of “Interactions between Filamentous Fungal Pathogens and Hosts” in order to support green agriculture.

---

### Guest Editor

Prof. Dr. Ming-Guang Feng

Institute of Microbiology, College of Life Sciences, Zhejiang University, Hangzhou 310058, China

---

### Deadline for manuscript submissions

closed (31 October 2022)



## Journal of Fungi

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



[mdpi.com/si/99513](https://mdpi.com/si/99513)

*Journal of Fungi*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jof@mdpi.com](mailto:jof@mdpi.com)

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

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





# Journal of Fungi

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



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

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



## About the Journal

### Message from the Editor-in-Chief

The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. David S. Perlin

Hackensack Meridian Health Center for Discovery and Innovation, 340  
Kingsland Street, Nutley, NJ 07110, 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, PMC, CAPIus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Mycology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)