

## Special Issue

# Plant Fungal Diseases and Crop Protection, 2nd Edition

### Message from the Guest Editor

Fungi are the largest group of plant pathogens, infecting hosts through leaves, seeds, and the soil. These pathogens inflict significant damage to crops through various methods of attack, leading to reduced global production and an ongoing need for new control strategies. The comprehensive approach to managing these crop diseases relies on deeply understanding the fungi involved, the susceptible growth phases, and the environmental conditions that influence disease development. Public concerns about using synthetic chemicals and the emergence of fungicide-resistant fungal strains have led to a pressing need to explore alternative, environmentally friendly methods. This collection seeks papers exploring recent innovations and scientific advancements in fungal diseases affecting plants and their impact on modern agriculture. This includes the consideration of non-pathogenic fungi associated with plants, which may influence the onset and severity of diseases. Enhancing our understanding of this research area will yield practical benefits and essential data for future investigations.

---

### Guest Editor

Dr. Ofir Degani

1. Faculty of Sciences, Tel-Hai University of Kiryat Shmona in the Galilee, Tel-Hai, Israel
2. Migal–Galilee Research Institute, Kiryat Shmona, Israel

---

### Deadline for manuscript submissions

closed (15 January 2026)



## Journal of Fungi

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



[mdpi.com/si/220179](https://mdpi.com/si/220179)

*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://jof.mdpi.com)





# 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)