

## Special Issue

# Fungi for Biotechnological Application and Environmental Cleanup

### Message from the Guest Editors

Fungi are nature's "workhorses". They produce enzymes that degrade natural substrata, thereby contributing directly to the cycling of nutrients in the environment. Fungi also produce secondary metabolites which inhibit the growth of pathogenic microorganisms and control pests. They degrade environmental pollutants, even those considered to be recalcitrant chemicals. For a relatively long time, human society has utilized fungi for various applications. In this Special Issue, we will cover all research studies related to the biotechnological, biopharmaceutical, and environmental applications of fungi. We will also look at fungal biodiversity and how they are used for fermentation technology, enzyme production, and drug discovery. Therefore, we welcome reviews and original research articles covering fungal natural products, enzymes, fermentation products and processes, biocontrol, and bioremediation.

### Guest Editors

Dr. Thomas Edison E. dela Cruz

Department of Biological Sciences, College of Science, University of Santo Tomas, España Blvd., Manila 1015, Philippines

Prof. Dr. Fahrul Huyop

Department of Biosciences, Faculty of Science, Universiti Teknologi Malaysia, Johor Bahru 81310, Malaysia

### Deadline for manuscript submissions

closed (30 June 2021)



## Journal of Fungi

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



[mdpi.com/si/53708](https://mdpi.com/si/53708)

*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)

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



## 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, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

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