

## Special Issue

# Ascomycota: Diversity, Taxonomy and Phylogeny, 2nd Edition

### Message from the Guest Editor

This Special Issue will be dedicated to Ascomycota, which is the most diverse and species-rich phylum in the Fungi kingdom, comprising ca. 110,000 species. The concept of 'one fungus, one name' which was implemented in 2011, influences the nomenclature of pleomorphic taxa in Ascomycota, which reproduce both sexually and asexually. Precise species identification and establishment of generic/species boundaries, which were assisted by DNA-based phylogenetic analyses, resolved most of the confusion in this phylum. One of the topics that changes sporadically is the higher-level classification of Ascomycota, while some other interesting topics among mycologists are current species number, predicted species number, and discovering missing species in Ascomycota. Missing taxa could be discovered in less studied habitats, in species complexes, in biodiversity rich areas, and in existing collections.

Hence, this volume is planned to embrace the aspects of diversity, taxonomy, and phylogeny of Ascomycota by providing timely needed updates to the phylum as well as to identify species from numerous locales all over the world.

---

### Guest Editor

Prof. Dr. Jian-Kui Liu

School of Life Science and Technology, University of Electronic Science and Technology of China, Chengdu 611731, China

---

### Deadline for manuscript submissions

closed (31 December 2024)



## Journal of Fungi

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



[mdpi.com/si/161563](https://mdpi.com/si/161563)

*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)