

Topical Collection

Encyclopedia of Fungi

Message from the Collection Editors

Fungi are amazing organisms. Just as other forms of life, they interact with their environment, especially with other living creatures. Their body, the mycelium, is a fascinating and plastic structure which can cover huge distances and, in particular, can adapt perfectly to the soil environment. The Encyclopedia of Fungi from MDPI will cover these and many other interesting aspects in a collection of ca. 50 entries written by specialists from various fields in Academia, research institutions and industry. Suggested Contents:

- The Fungal Cell: Structure and Biology
- Fungal Growth and morphogenesis
- Fungal Genetics and Genomics
- Fungal Biodiversity and Evolution
- Fungal Animal Interactions
- Fungi and other microbes
- Fungi in Plants: Pathogens and Endophytes
- Applied and Environmental Mycology
- Fungi as Cell Factories: From Molecular to Systems Biology
- Fungi and Health. Antifungals
- Fungi and the Environment
- Fungal Ecology

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About the Journal

Message from the Editor-in-Chief

Many international journals have proliferated over the last 20 years regarding very specific themes of research. Thus, I am pleased to announce the new open-access MDPI journal *Encyclopedia* to provide a wide audience platform for the presentation of outcomes and methodological approaches of current interest for the scientific community. Social sciences, humanities, physical sciences, engineering, and life sciences are the principal macro-areas of relevance for the journal. On behalf of the Editorial Board, I welcome all to *Encyclopedia* and invite contributions of entry papers to our editorial project.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.9 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the first half of 2025).