



---

**Special Issue on**  
**Mycology: Biological Insights and Practical Uses**  
**Call for Papers**

"Mycology: Biological Insights and Practical Uses" delves into the study of fungi, including their taxonomy, genetics, and ecology, to unravel the complex roles they play in ecosystems. This academic topic explores the vast diversity of fungi, from microscopic yeasts to sprawling mycelial networks, examining their life cycles, physiological processes, and interactions with other organisms. Beyond biological insights, the field also investigates the practical applications of fungi in biotechnology, medicine, and agriculture, such as in the development of antibiotics, bioremediation strategies, and sustainable food sources. By bridging fundamental biology with applied science, this area of study highlights the potential of fungi to address contemporary environmental and health challenges.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Mycology: Biological Insights and Practical Uses**. Potential topics include, but are not limited to:

- Fungal taxonomy and phylogeny
- Fungal genetics and molecular biology
- Fungal ecology
- Fungal biodegradation
- Fungal biogeography
- Fungi, plants and soil
- Mycology and plant pathology
- Fungal response to environmental change
- Fungal conservation and biodiversity
- Fungi in food production
- Fungal biotechnology
- Medical mycology
- Pathogenic fungi and fungal infections
- Fungal metabolomics

**Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).**



---

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Mycology: Biological Insights and Practical Uses**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	August 29th, 2024
Publication Date	October 2024

For publishing inquiries, please feel free to contact the Editorial Assistant at [submission.entrance1@scirp.org](mailto:submission.entrance1@scirp.org)

AiM Editorial Office  
aim@scirp.org