

Special Issue

Biotechnology of Edible Fungi

Message from the Guest Editors

Edible fungi, commonly known as mushrooms, have huge yields, demands, and economic value. Many biological groups exist, but there are few domesticated varieties. Most edible fungi belong to basidiomycetes, which can form fruiting bodies. Unlike common filamentous fungi, edible fungi are heterokaryotic, and their genetic background is complex. Therefore, the genetic manipulation platform for edible fungi was established late, and basic research is lacking. This Special Issue on “Biotechnology of Edible Fungi” will concentrate on edible fungal ecology and evolution, genetic diversity, omics research, physiology, signal transduction regulation, active ingredient regulation, fermentation process, etc. Studies on all of the abovementioned aspects will be welcome.

Keywords:

- edible fungi
- genetic
- physiology
- metabolism
- ecology
- omics

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Deadline for manuscript submissions

closed (31 December 2022)



Journal of Fungi

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Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



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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

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