

## Special Issue

# (Functional) Genomics and Bioinformatics in Fungal Plant Biomass Conversion

### Message from the Guest Editor

In nature, fungi are the major degraders of plant biomass, and play a key role in the global carbon cycle. The crucial enzymes or genes involved in fungal plant biomass conversion (FPC) have been widely applied or shown tremendous potential in many industries, such as biofuel, papers, textile and food. In recent decades, genomics, functional genomics and bioinformatics have become indispensable methods for facilitating the discovery of crucial genes/pathways involved in FPC, including novel degrading enzymes, sugar transporters, sugar metabolic genes, signalling pathways, transcriptional regulatory networks and fungal biodiversity. In this Special Issue, we would like to bring together the cutting-edge research employing (functional-) genomics approaches or developing novel bioinformatics methods to improve our understanding of fungal plant biomass conversion.

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### Guest Editor

Dr. Mao Peng

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### Deadline for manuscript submissions

closed (31 March 2024)



## 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.

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### Editor-in-Chief

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