

## Special Issue

# Symbiosis of Mycorrhizal Fungi and Plants

### Message from the Guest Editors

Symbiosis of mycorrhizal fungi and plants is an important basis for maintaining the diversity and functions of natural and agricultural ecosystem. The mechanism and shift of symbiosis between plants and mycorrhizal fungi are core key scientific problems in this field. Therefore, the *Journal of Fungi* has decided to launch a Special Issue on “Symbiosis of Mycorrhizal Fungi and Plants”, in which research and review manuscripts in this topic are welcome. The main scope of this Special Issue includes: (1) the mechanism of plant and fungal symbiosis regulating soil C, N and P cycle; for instance how the symbiosis of mycorrhizal fungi and plants affects greenhouse gas emissions, nutrient leaching, soil carbon sequestration, etc.; (2) whether plants and fungi integrate to respond to global climate change: including covariation pattern of plant and fungal morphological and physiological traits; (3) how the symbiotic mechanism of plants and fungi change at different spatio-temporal scales and different soil nutrient environments, such as drought stress, land degradation, etc.

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### Guest Editors

Dr. Aiping Zhang

Dr. Hongbo Li

Dr. Xinxin Wang

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### Deadline for manuscript submissions

closed (31 October 2023)



## Journal of Fungi

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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

Prof. Dr. David S. Perlin

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