

## Special Issue

# Roles of Soil and Roots Biotic and Abiotic Conditions in Fungal-Plant Interactions and Plant Performance, 3rd Edition

### Message from the Guest Editors

The natural microorganisms inhabiting the plant rhizosphere (the roots' surrounding habitat) may include diverse pathogens and various other non-pathogenic species. They live in complex communities in the soil and in the roots, and affect each other and the plants. They are also affected by abiotic sounding and plants' population structure. Some members of these communities maintain a mutually beneficial relationship with the plants, and may confer protective effects against pathogens. These valuable species can also assist plants, providing better immunity against environmental stresses. Other species are pathogens inhabiting the same ecological niche and either cooperate or compete for the same plant resources. This Special Issue welcomes papers focusing on recent scientific progress and innovation in the intriguing relationships between soil and root microorganisms and their implications for plants' immunity to biotic and abiotic stresses. Our ability to understand and intervene in this fabric of relationships is essential to increase plant health and crop yields.

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### Guest Editors

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### Deadline for manuscript submissions

closed (1 August 2024)



## 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

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