

Special Issue

Friends of Plants: Mycorrhizal Fungi

Message from the Guest Editor

Plants form a symbiosis with root-associated fungi, otherwise known as mycorrhizal fungi. Mycorrhizal fungi are involved in improving the uptake of nutrients, regulating plant growth, and assisting their plant host against both biotic and abiotic stresses. However, to what extent and how these mycorrhiza-induced beneficial effects occur in terrestrial ecosystems are not fully understood. This Special Issue will offer a collection of research articles and reviews that study the physiological and molecular mechanisms behind plant-mycorrhizal interactions under both normal and stressful conditions. Potential topics might relate to, but are not limited to: mechanisms by which mycorrhizal symbioses influence community diversity and ecosystem function; the importance of mycorrhizal fungi to their plant hosts under climate change, human disturbance, metal contamination, and other abiotic stresses; the mycorrhiza-induced resistance of plant defences to pathogens and herbivores; and roles of mycorrhizal fungi in nutrient cycling and biogeochemistry.

Guest Editor

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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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