Special Issue

Diversity of Microscopic Fungi

Message from the Guest Editor

Microscopic fungi, which encompass molds, yeasts, mildews and microcolonial fungi, exhibit high levels of genetic variability, which allows them to adapt to a wide range of environmental conditions and ecological niches. Microfungi can colonize a variety of substrata and can be isolated from different environments, such as air, soil, water, plant and animal material, food, built environments and industrial settings. They are also present in extreme environments such as deserts, caves, polar regions or hot springs. In various ecosystems, microfungi play a crucial role. They are decomposers of organic matter and mutualistic partners of plants or animals, but they are also parasites and predators and causative agents of plant/animal and human diseases. This diversity of microfungi is crucial for ecosystem functioning, human health, and various industrial applications.

Novel molecular methods, especially metabagenomics, have revolutionized the study of microfungal diversity by allowing researchers to identify and characterize fungi. As research methods continue to advance, our understanding of microfungal diversity and its implications is likely to grow significantly.

Guest Editor

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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

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