

Special Issue

Innovative Insights and Challenges in Managing Fungal Diseases in Crops: Toward Sustainable Agricultural Practices

Message from the Guest Editor

Fungal diseases in crops represent a significant and persistent threat to global agricultural systems, impacting food security, economic stability, and ecosystem health. This Special Issue of the *Journal of Fungi* focuses on advancing our understanding of fungal pathogens, their interactions with host plants, and the development of sustainable management strategies. Contributions to this Special Issue will explore the molecular mechanisms underpinning fungal pathogenicity, host resistance, and the complex dynamics within the plant-microbe-environment nexus. Cutting-edge research on the epidemiology of fungal diseases, innovative diagnostic tools, and the implications of climate change on disease prevalence and severity will be highlighted. For this Special Issue, we welcome original research articles, comprehensive reviews, and case studies from diverse disciplines, fostering collaboration among plant pathologists, mycologists, agronomists, and environmental scientists. By addressing the global challenges posed by fungal crop diseases, this Special Issue aspires to inspire innovative solutions for the agricultural systems of the future.

Guest Editor

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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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