

Special Issue

Mycology and Plant Pathology –2nd Edition

Message from the Guest Editor

Fungi play an essential role in ecosystems as they decompose substances and actively participate in the cycling of nutrients by breaking down organic substances into simple molecules. Mycology is a branch of biology that studies fungi, including their genetic and biochemical properties, their taxonomy and evolution, and their role as a beneficial microbe. Plant pathology or phytopathology studies plant diseases, their mechanisms, and disease control. Mycology is under phytopathology in agriculture as most plant pathogens are fungi, and phytopathogenic fungi decrease crop yield and cause substantial production losses in pre- and post-harvest agriculture. The Special Issue will focus on but is not limited to plant fungal disease detection, the role of fungi in agriculture, plant–fungi interaction, fungal disease management, mycotoxin production, and endophytic and symbiotic relationships of fungi. I welcome well-prepared manuscripts of original research, review articles, short communications, and new fungal disease reports.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2025)



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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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