

Special Issue

Integrated Management of Top Ten Fungal Diseases of Plants

Message from the Guest Editor

Fungi is the most important type of plant pathogen, seriously threatening the production of plants, The Top 10 plant pathogenic fungi are *Magnaporthe oryzae*, *Botrytis cinerea*, *Puccinia* spp., *Fusarium graminearum*, *Fusarium oxysporum*, *Blumeria graminis*, *Mycosphaerella graminicola*, *Colletotrichum* spp., and *Ustilago maydis*, and *Melampsora lini*. Significant scientific advances are achieved on different specific areas relevant to disease management in last decade, high-throughput sequencing, rapid detection and diagnosis, plant immune and genetic diversity, microbiome, advanced omics, novel bio-protectants and new green targeted fungicide, for example.

With this Special Issue of *Plants*, we welcome study of all aspects focusing on the management strategy towards plant fungal disease, especially for the top 10 and related fungi. Integrative research of management program to provide broader impact and success, as well as reviews that offer original perspectives, are all welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2025)



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/208528

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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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