

Special Issue

Plant Endophytic Fungi and Their Interactions with Plant Specialized Metabolites

Message from the Guest Editor

This Special Issue is devoted to publishing research papers on interactions between plant endophytes and plant specialized metabolites, including volatiles (VOCs). Therefore, we invite manuscripts that report original research on (1) metabolome–microbial community correlation studies conducted on fields, in greenhouses or other suitable setups; (2) single-strain or SynCom endophyte inoculation studies in plants, including studies with pathogenesis models; (3) in vitro effects of plant specialized metabolites, plant extracts or plants on endophytic fungi from growth inhibition to transcriptomics and metabolomics; (4) biotransformation of plant specialized metabolites by endophytic fungi, etc. Reports on crops and medicinal plants are especially welcome. Regarding endophytes, papers on filamentous fungi and yeasts (including model organisms) will all be considered.

Guest Editor

Dr. Sandor Gonda

Department of Botany, Division of Pharmacognosy, University of Debrecen, Egyetem tér 1, 4032 Debrecen, Hungary

Deadline for manuscript submissions

closed (31 May 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/218337

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



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, 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

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)