

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

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Deadline for manuscript submissions

closed (31 May 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

Prof. Dr. Dilantha Fernando

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