

Special Issue

New Advancements in Plant-Microbes Interactions

Message from the Guest Editors

This Special Issue focuses on advancing the knowledge of plant-microbe interactions and their application in sustainable fruit tree and crop production. We welcome original research and reviews exploring how beneficial microbes contribute to plant growth, disease suppression, and stress resilience. Topics of interest include, but are not limited to, the following:

- Characterization of rhizosphere and endophytic microbiomes in fruit tree systems;
- Microbial strategies for improving plant resistance against soil-borne pathogens;
- The role of soil amendments, biofertilizers, and biocontrol agents in modulating plant health;
- Metabarcoding and metagenomic approaches for deciphering plant-microbe interactions;
- Microbial contributions to fruit quality, nutrient uptake, and post-harvest performance;
- Economic and environmental benefits of microbiome-based management practices in orchards.

Guest Editors

Dr. Giovanni Mian

Department of Agricultural and Food Sciences, Alma Mater Studiorum Università di Bologna, 40129 Bologna, Italy

Prof. Dr. Luca Iseppi

Department of Agricultural and Food Sciences, University of Udine, Via delle Scienze 206, 33100 Udine, Italy

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

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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, 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

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