

Special Issue

Weaponizing Plants: Biocontrol and Biosecurity in Plant Protection

Message from the Guest Editors

Innovative bioprotection strategies, as well as the biological control of crop pests, is the new frontier for the sustainable future of plant health, demanding emerging technologies which facilitate the understanding and exploitation of the mechanisms involved.

This Special Issue aims to collect the most updated insights and experimental developments intended to increase plants' health and biosecurity. Original research papers and reviews describing agronomic practices, traditional breeding, bioinformatics, biological control agents (such as beneficial microorganisms or competitors), plant resistance against pests and pathogens, direct or indirect antagonistic interaction with the pathogen (or competition for nutrients and space), hyperparasitism or antibiosis, and the production/regulation of secondary metabolites with biocontrol activity (or supporting antagonists to gain a competitive advantage), are encouraged and welcomed. A particular attention to the plant standpoint is highly recommended.

Guest Editors

Prof. Dr. Francesca Degola

Prof. Giovanna Visioli

Dr. Agnieszka Jamiołkowska

Dr. Izabela Kot

Deadline for manuscript submissions

closed (30 January 2024)



Plants

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CiteScore 7.6
Indexed in PubMed



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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
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