

Special Issue

Biological Control Strategies for Managing Major Bacterial Diseases in Horticultural Crops

Message from the Guest Editors

The incidence of bacterial diseases in horticultural crops is increasing due to the lack of effective control measures, concerns over the environmental and human health impacts of copper-based products, and the emergence of resistance. Consequently, there is growing interest in alternative methods such as biocontrol agents, their secondary metabolites, and natural extracts, which aim to reduce chemical pollution and residues in soils and plants. Biocontrol agents, both as organisms and as source of biopesticides/biostimulants, and active natural molecules are employed to develop formulations that will enable the safe and efficient delivery of biopesticides and biostimulants for the management of bacterial plant diseases. This Special Issue seeks to highlight the importance of new eco-friendly strategies for plant health management with a low environmental impact. Furthermore, it aims to showcase studies that adopt a circular economy perspective, particularly those focusing on the reuse of agro-industrial waste.

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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, 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.

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