

Special Issue

Biocontrol of Plant Diseases Using Beneficial Microorganisms and Their Derivatives: From Perception to Mode of Action

Message from the Guest Editor

The present issue will present state-of-the-art research results, visions, and theories, as well as specific methods for sustainable plant diseases management in changing climatic conditions. Submissions on (but not limited to) the plant-microbe interaction are invited to foster knowledge by understanding the biocontrol mechanisms on the plant host through: (i) increasing the fundamental insight into the underlying molecular and physiological mechanisms involved in the tripartite interactions between MBCAs and their derivatives, pathogens, and plants under climate change mitigation: What are the modes of action of beneficial microorganisms? How do the plants react? (ii) studying the interaction between genetic background of the plant host and the MBCA-induced resistance; and (iii) elucidating the impact of changing environmental conditions on biocontrol performance. This issue will be useful not only for students, teachers, and researchers but also for those interested in agriculture microbiology, plant pathology, biological control, environmental science, and agronomy.

Guest Editor

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