

Special Issue

Occurrence and Control of Plant Bacterial Diseases

Message from the Guest Editors

This Special Issue will mainly aim to contribute to the overall knowledge of plant bacterial diseases from several aspects, such as: Development of Novel Biocontrol Agents: Investigate and develop new biocontrol agents, such as beneficial bacteria or bacteriophages;

Epidemiological Studies and Disease Forecasting: Conduct epidemiological studies to understand the spread and dynamics of bacterial diseases in different agricultural systems and develop models for predicting disease outbreaks to enhance early detection and management;

Understanding Host–Pathogen Interactions: Investigate the molecular and cellular mechanisms underlying plant–pathogen interactions to identify potential targets for disease control and to gain insights into the development of resistant crops;

Climate Change Impact on Disease Dynamics: Study the impact of climate change on the occurrence and severity of bacterial diseases in plants and develop adaptation strategies for agriculture;

Effectiveness of Plant Extracts and Essential Oils: Evaluate the efficacy of plant extracts and essential oils with antimicrobial properties as potential alternatives for controlling bacterial diseases.

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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.

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