

Special Issue

Microbial Control of Insect Pests and Plant Pathogens

Message from the Guest Editors

Nowadays, chemical insecticides, acaricides, and fungicides are preferable for the control of harmful insects and mites, as well as for the control of phytopathogenic microorganisms. This pollution has certain harmful health effects on humans and animals. That is why, in recent years, more and more attention has been paid to research on biological pest control, particularly on microbial control of insects and plant pathogens according to the high demand from consumers for healthy food. It requires isolation and identification of new microbial strains with improved biocontrol potential and multiple properties. In recent years, interest in studying the interactions of beneficial microbial agents with insect organisms and plants as well as with environment is sharply increased. In addition, it is necessary to develop more efficient formulations in microbial control to protect useful biocontrol agents against some abiotic factors from the environment such as sunlight, rain, and so on. Thus, considering the high interest in avoiding of harmful ingredients in food products, this Special Issue will cover a very important part of microbial control of insect pests and plant pathogens.

Guest Editors

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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, and 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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