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Microorganisms as Biocontrol Agents

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editor

Biocontrol is an environmentally friendly method of suppressing diseases and pests by using other organisms; over the last 40 years, research into biocontrol has increased dramatically. Biological control has been accomplished with microorganisms in agriculture, forests, natural resources, stored products, and aquatic environments through antibiosis, host colonization, nutrient or niche competition, induced resistance, parasitism, etc. Therefore, it is very important to understand microbial characteristics, genetics, ecology, and interactions with host pathogens or pests as well as environments for accomplishing biocontrol.

The aim of this Special Issue is to provide articles related to current issues in the research of "microorganisms as biocontrol agents". The Special Issue includes the diverse works of scientists in the areas of microbiology, microbial ecology, agronomy, plant pathology, entomology, nematology, and more. As the Guest Editor of this Special Issue, I invite you to submit research articles, review articles, and short communications related to microorganisms as biocontrol agents.

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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