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# **Biotechnology of Plants and Pathogens**

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Deadline for manuscript submissions:

closed (20 October 2023)

## **Message from the Guest Editors**

Interactions between various pathogens (fungi, bacteria, viruses, nematodes, oomycetes, phytoplasmas, etc.) and their host plants represent an important research field in both fundamental and applied plant sciences. Diverse available for integrated plant disease management, such as pathogen/vector/infected-plant exclusion and/or eradication, cropping improvement, protection using physical barriers, chemical fungicides/bactericides/nematicides, control using biological control using pathogen-suppressing microbes and other agents, and the development of diseaseresistant cultivars. The application of biotechnologies provides novel approaches for plant disease control, including, but not limited to, plant disease resistance gene identification, the modification of plants and pathogens using cutting-edge genetic engineering and genome editing techniques, the development of new biocontrol agents for reducing pesticide usage, and microbiomes for improving plant tolerance biotic/abiotic stress. In this Special Issue, we welcome the submission of original research and review manuscripts which revolve around plant-microbe interaction biotechnologies.











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## **Editor-in-Chief**

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# **Message from the Editor-in-Chief**

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network

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