# **Special Issue**

# Interactions of Plants with Bacteria and Fungi

# Message from the Guest Editors

Plant-pathogen interactions are complex processes that can lead to the onset of disease symptoms in plants. As plants are constantly exposed to a wide range of pathogens, these interactions have a profound impact on plant productivity and survival, making them a critical area of study for plant biologists. In-depth research is necessary to fully understand the physiological and metabolic changes triggered by these interactions. Pathogen-induced diseases result in significant economic losses and pose a serious threat to global food security, plant health, and environmental sustainability. By uncovering the mechanisms underlying plant-pathogen interactions, we can develop resistance strategies against pathogenic microorganisms, reducing reliance on agrochemicals for crop protection and promoting environmental sustainability. This Special Issue aims to examine both traditional and cutting-edge multidisciplinary approaches used to study plantpathogen interactions and their effects. It also highlights how new research insights are addressing challenges across related fields.

# **Guest Editors**

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## Deadline for manuscript submissions

closed (30 March 2025)



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# Message from the Editor-in-Chief

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### **Editor-in-Chief**

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