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Plant-Bacteria Interaction

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Deadline for manuscript
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Message from the Guest Editors

"Plant-Bacteria Interaction" is dedicated to collecting the latest research on the molecular mechanisms of plant-bacteria interactions, bacterial virulence, plant resistance against bacteria, and novel detection methods of bacterial pathogens.

1. Molecular mechanisms of recognition and signaling: Investigations into the specific molecular components involved in the recognition of bacterial pathogens by plants and the subsequent signaling pathways activated in response to infection.
2. Bacterial virulence factors: Studies focusing on the diverse virulence strategies employed by bacterial pathogens to manipulate plant defense mechanisms and establish successful infections.
3. Plant defense mechanisms against bacterial pathogens: Research elucidating the various ways in which plants defend themselves against bacterial infections.
4. Interactions between beneficial bacteria and plants: Investigations exploring the mutualistic relationships between plants and beneficial bacteria, including those involved in plant growth promotion, disease suppression, and nutrient acquisition.
5. New detection methods for bacterial pathogens.



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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, 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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