



## New Horizons in Plant–Microbe Interactions

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Deadline for manuscript submissions:

**closed (30 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

Plants interact and cope with many different organisms, and these biotic interactions shape their growth and development. Some of these interactions are beneficial and provide an advantage, including nitrogen fixation via symbiotic associations with bacteria or nutrient supply via mycorrhiza formation. Pests and pathogens are negative factors for crop production. Furthermore, mild biotic stress could promote resilience and acclimatize plants to unfavorable conditions.

This Special Issue aims to collect new findings in the field of plant–microbe interactions, including but not limited to the following aspects:

- Molecular mechanisms of plant–microbe interactions;
- Phytohormones and other secondary metabolites in plant–microbe interactions;
- Biological control and methods to promote plant resilience through interaction with beneficial microbes;
- Novel tools in breeding pathogen-resilient cultivars;
- Omics analyses to understand plant–microbe interactions, including transcriptomics, proteomics, metabolomics, lipidomics, and volatolomics studies.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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