

Special Issue

Mechanisms and Applications of Plant-Microbe Interactions

Message from the Guest Editors

The topics of this Special Issue include (but are not limited to) (1) the assembly, structure, function and dynamics of the root-associated microbiomes; (2) the roles of root exudates in plant–microbe interactions and plant–soil feedback; (3) rhizosphere engineering and management for improving soil nutrient availability, soil health and crop productivity; (4) the phyllosphere microbiome and its association with plant health and fitness; (5) new approaches to study the plant microbiome. This Special Issue welcomes submissions of both original research and review articles dealing with the mechanism and application of plant–microbe interactions.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2022)



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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