



Roles of Soil and Roots Biotic and Abiotic Conditions in Fungal-Plant Interactions and Plant Performance

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Message from the Guest Editors

The natural microorganisms inhabiting the plant rhizosphere (the roots' surrounding habitat) may include diverse pathogens and various other non-pathogenic species. They live in complex communities in the soil and in the roots, and affect each other and the plants. They are also affected by abiotic surrounding and plants' population structure. Some members of these communities maintain a mutually beneficial relationship with the plants, and may confer protective effects against pathogens. These valuable species can also assist plants, providing better immunity against environmental stresses. Other species are pathogens inhabiting the same ecological niche and either cooperate or compete for the same plant resources. This Special Issue welcomes papers focusing on recent scientific progress and innovation in the intriguing relationships between soil and root microorganisms and their implications for plants' immunity to biotic and abiotic stresses. Our ability to understand and intervene in this fabric of relationships is essential to increase plant health and crop yields.





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Message from the Editor-in-Chief

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