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Rhizosphere Bacteria and Fungi that Promote Plant Growth

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Message from the Guest Editor

"Rhizosphere Bacteria and Fungi that Promote Plant Growth" aims to recognize the critical role of microorganisms associated with plant root systems and their physical, chemical and biological interactions in promoting plant growth and health.

Before applying soil microbial techniques, it is crucial to understand the fundamentals of rhizosphere microbial ecology, such as the diversity and function of rhizosphere microbes.This Special Issue will focus on various aspects of microbial interactions, plant growth promotion by bacteria and fungi (endophytic or free-living), symbionts (mutualistic relationships) including nitrogen-fixing bacteria (Rhizobium), plant growth-promoting rhizobacteria (PGPR), associative or casual (free-living microorganisms), plant-microbe genetics and genomics, roles of soil microorganisms and their interactions with the plant microbiome interactions, nutrient availability, and mechanisms associated with plant growth promotion.

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Message from the Editor-in-Chief

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