



## Advances in the Plant Microbiome: Rhizosphere, Endosphere and Phyllosphere

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### Message from the Guest Editor

Dear Colleagues,

The role played by microorganisms and their functions in plants is relevant in various research areas, from uncovering basic communication mechanisms to field applications aimed at increasing crop production. To exert their beneficial functions, the microbiome can influence different interaction zones with the plant, such as the rhizosphere, endosphere and phyllosphere. Each of these plant–microbiome interaction regions has its complexities of study, and new beneficial organisms are constantly being revealed, while molecules and compounds important for communication and protection against potential pathogens are being sought. Therefore, it is imperative to review the latest advances in plant microbiome-related research, where progress is exponential.

keywords: PGPR; plant–microbe interactions; biocontrol; plant growth promotion





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## Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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