



The Structure of Plant Microbiomes and the Implications for Sustainable Agriculture

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Message from the Guest Editors

The primary aspects of this topic include understanding the factors that influence the structure of plant microbiomes, ranging from soil conditions and plant genetics to environmental factors. The implications for sustainable agriculture form a critical aspect of this research, as unravelling the intricacies of plant microbiomes could pave the way for the establishment of innovative agricultural practices. The insights gained from studying plant–microbe interactions offer opportunities to enhance the productivity of crops, reduce reliance on external inputs such as fertilizers and pesticides, and contribute to the development of more sustainable and environmentally friendly agricultural systems. We welcome researchers to submit articles related to the composition and diversity of plant microbiomes, factors influencing the structure of plant-associated microbial communities, the functional dynamics of plant-microbe interactions, and sustainable agricultural practices informed by microbiome research.





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