

Special Issue

Microbiome Diversity and Plant Health in Horticultural Crops

Message from the Guest Editors

This Special Issue will highlight recent advancements and innovative developments in the application of multi-omics technologies and associated biotechnologies to enhance the health of horticultural crops. Topics of interest include, but are not limited to, the following: The diversity and dynamics of rhizosphere and phyllosphere microbiomes; The identification, mining, and construction of core microbial communities; Field-scale applications of biocontrol agents for plant disease management; Effects of genetic modification and the application of nitrogen-fixing bacteria or probiotics on plant-associated microbial composition and health; The utilization of multi-omics approaches (e.g., genomics, transcriptomics, proteomics, metabolomics) in the regulation and improvement of plant health. We welcome submissions of original research articles, technical reports, and comprehensive reviews that align with the theme of this Special Issue.

Guest Editors

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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