Special Issue

Advancements in Biofertilizers and Plant Growth-Promoting Rhizobacteria for the Sustainable Cultivation of Horticulture Products

Message from the Guest Editors

A current critical global dilemma in modern agriculture is being posed by the need to increase crop production to feed the continuously growing world population while considering the sustainable use of natural resources. In this context, the use of rhizospheric and endophytic microorganisms has been proven to be effective not only for increasing crop productivity but also for reducing the use of agrochemicals. This Special Issue focuses on current state-of-the-art advancements regarding the use of microbial inoculants and soil amendments for sustainable horticultural production and these products' phytochemical quality assessment. In addition, it is highly recommended that the submitted manuscripts study the mechanisms involved in beneficial microorganisms' biofertilization effects on crop growth and harvested products' quality. Considering that these types of studies are complex and multifactorial, involving different aspects related to food crops, plant microbiota, and intrinsic agronomical systems. These studies should aim to relate biochemical and genomic mechanisms to their effects on the agricultural system.

Guest Editors

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