Special Issue

Mycorrhizal Roles in Horticultural Plants

Message from the Guest Editors

Mycorrhizae have been shown to greatly enhance plant growth, improve root morphology, promote water and nutrient uptake in addition to increasing stress tolerance and improving fruit quality. With the development of various omics-based techniques, many genes that are specifically induced by arbuscular mycorrhizal fungi have also been decoded at the cellular and subcellular levels, strong emphasizing the importance of mycorrhizae in horticulture crops. For example, aquaporins from mycorrhizal fungi and hosts act synergistically towards water uptake, and aquaporin genes in citrus plants can be induced by salt stress and not flooding. These results amply confirm the complexity of the underlying mechanisms in the functioning of mycorrhizae in horticultural plants. The purpose of this Special Issue is to present the recent advances regarding the roles of mycorrhizal fungi in relation to horticultural plants.

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

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