

Topical Collection

Application of Tissue Culture to Horticulture

Message from the Collection Editors

Plant tissue culture is the process of growing plant cells, tissues, or organs isolated from the mother plant, under controlled conditions. Since the early 20th century it has contributed to the progress of basic plant science. In the last twenty years, tissue culture has developed useful biotechnological approaches to agriculture. Particularly, in horticulture, plant tissue culture can offer technologies and methods for micropropagation, disease elimination, germplasm storage, production of secondary metabolites, plant modification and the improvement of fruit, vegetable, ornamental, and medicinal and aromatic plants. The purpose of this Special Issue on “Application of Tissue Culture to Horticulture” is to present cutting-edge studies, tools, methods, and innovations that have been successful in several fields of tissue culture applied to horticultural crops.

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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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