

Special Issue

Innovations in Micropropagation of Horticultural Plants: Bridging Research and Industry

Message from the Guest Editor

Micropropagation has become a genuine game-changer for modern horticulture, allowing us to generate thousands of uniform, disease-free plants in a fraction of the time it takes under traditional techniques. This Special Issue welcomes interesting studies and opinion pieces from academic and industry professionals examining the most recent advances in large-scale in vitro regeneration of fruits, ornamentals, vegetables, and medicinal plants. Share your techno-economic analyses, life-cycle assessments, or hands-on comparisons of manual versus robotic workflows—real data that help readers decide which approach makes sense for their operation. But innovation is not just about the lab. We also want practical insights into the journey from flask to greenhouse bench. Show us how you are tackling genetic fidelity checks, keeping somaclonal variation in check, and streamlining acclimatization so that tissue-cultured plants thrive the moment they hit soil.

Guest Editor

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About the Journal

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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Technologies (DiSTeBA), Salento University, Lecce, Italy

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