

# Special Issue

## Bioactivity and Nutritional Quality of Horticultural Crops

### Message from the Guest Editors

This Special Issue, “Bioactivity and Nutritional Quality of Horticultural Crops,” focuses on advancing our understanding of the bioactive compounds, nutritional profiles, and functional properties of fruits, vegetables, herbs, and other horticultural products. We welcome original research, reviews, and short communications exploring topics such as the biosynthesis, accumulation, and regulation of bioactive molecules (e.g., polyphenols, carotenoids, vitamins); the impact of genetic, agronomic, postharvest, and processing factors on nutritional quality; and the evaluation of health-promoting effects (e.g., antioxidant, anti-inflammatory, or metabolic activities). Contributions bridging agricultural practices with human nutrition will be particularly valued, with the aim of informing strategies to enhance the nutritional value of horticultural crops and their role in disease prevention and public health.

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### Guest Editors

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### Deadline for manuscript submissions

10 March 2026



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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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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