

# Special Issue

## Extraction, Utilization and Application of Bioactive Compounds from Horticultural Plants

### Message from the Guest Editors

Horticultural plants are rich source of different bioactive compounds, which play a crucial role both in their metabolism and in their interactions with the surrounding environment. Indeed, these compound possess numerous ecological functions, contributing to plant survival in different environmental conditions, protecting them from herbivores, plant pathogens and competitive plants, and attracting pollinators and birds. Bioactive compounds are usually extracted for their numerous biological properties and find several applications in pharmaceutical, chemical, cosmetic, textile, food and feed industries and in integrated plant protection. This Special Issue aims to present studies that report the extraction procedures and the isolation and characterization of bioactive compounds from fruits, vegetables and ornamental, medicinal and aromatic plants, as well as the utilization, application and bioactivity of selected extracts.

### Guest Editors

Prof. Dr. Dejan Prvulović  
Prof. Dr. Simona Oancea  
Dr. Eleonora Spinozzi

### Deadline for manuscript submissions

closed (23 May 2025)



# Horticulturae

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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

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