# Special Issue

# Phytochemical Diversity and Bioactive Substances in Horticultural Crops

## Message from the Guest Editors

Horticultural crops are a significant source of phytochemicals and bioactive compounds, possessing important nutritional, functional, and health-promoting properties. Advances in analytical methods have deepened our understanding of phytochemical diversity and antioxidant activity in fruits, vegetables, and other horticultural species. In addition to their antioxidant potential, these crops may exhibit antimicrobial, antifungal, and prebiotic properties, further enhancing their functional value.

This Special Issue aims to provide a platform for highquality research and review articles that explore the phytochemical composition, bioactivity evaluation, and functional applications of horticultural crops. Contributions addressing comparative studies, environmental and genetic influences on phytochemical profiles, the development of innovative analytical approaches, the mechanisms of antioxidant, antimicrobial, prebiotic, or other biological activity, and potential applications of bioactive phytochemicals of horticultural crops in agriculture, food production, and nutrition are particularly welcome.

### **Guest Editors**

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### Deadline for manuscript submissions

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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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