

# Special Issue

## Molecular Regulation and Maintaining of Fruit Quality

### Message from the Guest Editors

Fruit quality encompasses sensory quality (fruit size, fruit shape, fruit color, fragrance, etc.) and edible quality (sugar, organic acid, amino acids, flavonoid, anthocyanin, carotenoid, etc.) and greatly influences both farmer income and consumer acceptability. The fruit quality of all horticultural crops is more sensitive to changes in internal and external factors. Nevertheless, most enzyme genes and regulators that are essential in developing or maintaining the high quality of fruits are less well known, as is gene regulation of their quality. The aim of this Special Issue is to gather pioneering research on the regulation of gene manipulation in enhancing fruit quality. This covers gene regulation research on improving or maintaining fruit quality during fruit growth, ripening, and postharvest using new gene identification, mechanisms, skills such as quality-related enzyme-encoding gene identification, resistance genes related to fruit quality, key transcriptions underpinning mechanisms, epigenetic regulation, VIGS, transgenes, RNAi, and gene editing. Works on fruit trees, fruit-producing vegetables, and fruit-bearing forest plants are welcome.

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### Guest Editors

Dr. Wenbing Su

Dr. Zhongqi Fan

Dr. Weilin Wei

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### Deadline for manuscript submissions

closed (10 December 2024)



# Horticulturae

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*Horticulturae*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)

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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.

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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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