

Special Issue

Advances in Improving Fresh Produce Quality and Postharvest Shelf Life

Message from the Guest Editors

The year 2021 is the United Nation's International Year of Fruits and Vegetables, which calls for increased global awareness of the significance of fresh produce for the planet. Fresh fruits and vegetables are an important part of our daily diet. They provide us with fiber, minerals, and a variety of essential phytochemicals or nutraceuticals. The final quality and shelf life of fresh produce are greatly impacted by prevalent practices and conditions encountered during preharvest. Furthermore, genes related to fruit ripening and senescence are key as they impact a complex developmental process that involves changes in tissue firmness, stress responses, and secondary metabolism. As a response, in recent years, there have been active research areas in postharvest biology. Recent developments in nanotechnology, image analysis, omics, and other advanced technologies are providing promising tools to tackle these postharvest issues. The purpose of this Special Issue is to present new ideas, techniques, and technologies on improving fruit and vegetable quality and extending their shelf life.

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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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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