Special Issue

Advances in Novel Technologies for Improving the Quality and Shelf-Life of Postharvest Commodities

Message from the Guest Editors

Fresh fruits and vegetables are highly appreciated by consumers worldwide. Due to their physiology and high water content, fresh produce is perishable with a short shelf-life, resulting in large postharvest losses. Although the basic steps taken to preserve the quality of fruits and vegetables are common knowledge, the development and implementation of new technologies are good alternatives to further improve quality and extend postharvest life. However, there is a need to generate scientific information to elucidate novel technology regarding the mechanisms underlying the physiology, biochemistry, and molecular biology of postharvest ripening and storage. In this Special Issue, we seek to publish research results using next-generation sequencing technologies, proteomics, metabolomics, as well as modern physiological and biochemical technologies to design and elucidate the mode of action of novel postharvest technologies.

Guest Editors

Prof. Dr. Rosalba Troncoso-Rojas

Research Center for Food and Development, Department of Horticultural Products, Laboratory of Plant Biotechnology and Postharvest Handling, Carretera Gustavo E. Astiazarán Rosas # 46, Colonia La Victoria, Hermosillo 83304, Mexico

Prof. Dr. Martín-Ernesto Tiznado-Hernández

Research Center for Food and Development, Department of Horticultural Products, Plant Physiology and Molecular Biology, Carretera Gustavo Enrique Astiazarán Rosas, No. 46, Hermosillo 83304, Mexico

Deadline for manuscript submissions

closed (10 May 2024)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/155228

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/horticulturae

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/journal/horticulturae

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
Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)

MDPI