



Pre- and Post-harvest Factors Regulating Secondary Metabolites in Fruit

Guest Editors:

Prof. Dr. Pilar Legua Murcia

Prof. Dr. Alberto Continella

Dr. Giulia Modica

Deadline for manuscript
submissions:

10 November 2024

Message from the Guest Editors

In recent years, fruits have received increased interest as good sources of natural antioxidants and bioactive compounds. These biochemical constituents, which play a pivotal role in human nutrition and health, are an important source of vitamins, minerals, and other disease-fighting phytochemicals. In this context, it is important to investigate the modifications occurring during maturity and how they affect tree and ripening processes post-harvest. In addition, a number of pre-harvest factors affect fruit quality, i.e. environmental conditions, genotype, rootstock influence, cultural practices and agronomic techniques, mineral nutrition, water supply, etc. The items linked to the post-harvest management of fruit are topical factors that influence qualitative traits, i.e., cultivar, maturity stage, harvest period, and applied technologies (sorting and grading, packaging, storage conditions and transportation), during the post-harvest chain. This Special Issue will extensively cover the topics of pre- and post-harvest factors, focusing on fruit physiology and biochemistry in order to maintain the overall quality of fresh produce.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

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.

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 - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI