

Special Issue

Rosaceae Crops: Cultivation, Breeding and Postharvest Physiology

Message from the Guest Editors

The Rosaceae family includes a wide range of trees, shrubs, and herbaceous plants with highly prized fruits, having significant economic importance. This Special Issue examines the avenues for enhancing the gustatory, nutritional, and economic value of fruits that are used fresh or industrially processed. Ecological and technological factors are considered to optimize fruit output in conjunction with cultivar developed through breeding efforts. Modern technologies that improve the production and quality of fruits, the ability to produce quality biological material through grafting, cuttings, or tissue culture, and the role of genetics and breeding in creating new cultivars are all important. In plant breeding, in addition to enhanced fruit yield and quality, adaptability to certain ecological settings, resistance or tolerance to abiotic stressors, including due to climate change, and resilience against diseases and pests are other significant considerations. Finally, the pleasant taste, nutritional value, and health benefits of Rosaceae fruits are important, whether they are eaten fresh or used in different industrial processes.

Guest Editors

Prof. Dr. Radu E. Sestras

Dr. Orsolya Borsai

Dr. Diana-Maria Mircea

Deadline for manuscript submissions

6 February 2026



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/223665

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

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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