

Special Issue

Transcriptional Regulation during Fruit Development and Ripening

Message from the Guest Editor

Transcriptional regulation is one of the major regulatory processes that allow fruit to respond to the intra- and extracellular signals and to tightly coordinate cellular activities by a network of interacting genes. Fruit development is often characterized by a series of developmental conversions. Meanwhile, fruit ripening is regarded as a critical biological process modifying the biochemistry and physiology of fruits, dramatically affecting fruit quality, such as their appearance, texture, flavor, and aroma. Since most fruit traits, including sensory (such as fruit size and shape) and nutritional qualities, are elaborated during the development and/or the ripening stage, the dissection of the crucial genetic and molecular factors regulating fruit development and ripening is an urgent task toward improving the overall fruit quality of horticultural crops. The purpose of this Special Issue “Transcriptional Regulation during Fruit Development and Ripening” is to present the state-of-the-art progress in molecular research on fruit crops’ growth and maturation. Innovative articles on the mechanisms of transcriptional regulation in any fruit species are welcome.

Guest Editor

Prof. Dr. Shaohua Zeng
South China Botanical Garden, Chinese Academy of Sciences,
Guangzhou 510650, China

Deadline for manuscript submissions

closed (31 March 2022)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.5



mdpi.com/si/83704

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

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.5



[mdpi.com/journal/
horticulturae](https://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, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 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 - Q2 (Horticulture)