



## Genome-Wide Identification and Expression Analysis for the Genetic Improvement of Horticultural Plants

Guest Editors:

**Prof. Dr. Huasen Wang**

College of Horticulture, Qingdao  
Agriculture University, Qingdao  
266109, China

**Dr. Fei Ding**

School of Life Sciences,  
Liaocheng University, Liaocheng  
252000, China

**Dr. Li Miao**

College of Horticulture, Qingdao  
Agricultural University, Qingdao  
266109, China

Deadline for manuscript  
submissions:

**closed (30 June 2024)**

### Message from the Guest Editors

Over the past decade, people have not been satisfied with the conventional breeding approaches for germplasm innovation to cope with harsh environments, and instead have preferred modern technology like transgenic technology, genomics-assisted breeding, genome editing, etc. Therefore, analyses of target genes accurately and systematically lay the foundation to research their functions. This Special Issue on “Genome-Wide Identification and Expression Analysis for the Genetic Improvement of Horticultural Plants” welcomes the submission of review and research papers or short communications on the following topics: crop traits, metabolism, biotic stress and abiotic stress. Bioinformation on both genes or transcript factors and their function verification in horticultural crops are needed. The aim of this Special Issue is to provide new key genes and valuable reference genes for revealing their molecular regulation mechanisms of important traits, metabolic pathways and resistant tolerance through the advanced technologies of molecular genetics.





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