



## **Advances in Horticultural Crops Comparative and Functional Genomics**

Guest Editors:

**Dr. Xin Wang**

Boyce Thompson Institute,  
Cornell University, Ithaca, NY  
14853, USA

**Dr. Jiantao Zhao**

Boyce Thompson Institute,  
Cornell University, Ithaca, NY  
14853, USA

Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### **Message from the Guest Editors**

Horticultural crops contribute a large portion of vitamins, minerals, antioxidants, and fiber to the human diet. With expanding genomics data and genomic tools, comparative and functional genomics is a useful tool for guiding crop improvement and breeding. By implementing genomics data and bioinformatics approaches, researchers can investigate the genes underlying the important agronomic traits, which could be utilized for crop improvement.

The proposed Special Issue on “Advances in Horticultural Crops Comparative and Functional Genomics” will present crucial findings in horticultural crops obtained by bioinformatics and extensive genomic data. Potential topics include, but are not limited to the following: population genomics, genome evolution, crop epigenetic, meta-analysis, 3D genome, genetic diversity, and genomic selection. We look forward to receiving your manuscripts and sharing your results in this Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Luigi De Bellis

Department of Biological and  
Environmental Sciences and  
Technologies (DiSTeBA), Salento  
University, 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 - Q1 (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