



Genetics and Breeding of Fruit Trees

Guest Editors:

Prof. Dr. Dong Zhang

College of Horticulture,
Northwest A&F University,
Yangling, Xianyang 712100, China

Dr. Libo Xing

College of Horticulture,
Northwest A&F University,
Yangling, China

Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

At present, fruits possess a great deal of importance in a balanced diet and fruit trees are planted as commercial crops worldwide. Fruits have changed dramatically in many traits compared to their wild ancestors, with a long period of intensive domestication and breeding practice. The genetic research and conventional breeding of fruit trees have long been hampered by their perennial nature, long juvenile phase and generation time, large plant size, and high heterozygosity. The trends for fruit breeding in the future include diversified cultivars to meet different demands of consumers and processing, better resistance to environmental stresses, and a less labor-intensive culture practice.

We cordially invite researchers to submit articles to this Issue focusing on the following fields of fruit research: collection and evaluation of germplasm resources, functional gene mining and exploration, theoretical methods and technologies of breeding, new variety breeding, and vegetative propagation. Reviews providing a summary of past works around this theme and forward-looking perspectives will also be appreciated.





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