

Special Issue

Genetics and Breeding of Fruit Trees

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

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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

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