

# Special Issue

## Tropical Fruit: Germplasm Conservation, Propagation and Breeding Strategies

### Message from the Guest Editor

In recent years, researchers have started to focus on the growth and development mechanisms, quality regulation rules, and biological breeding technologies of tropical fruit trees, offering scientific support for industrial upgrading.

This Special Issue focuses on tropical fruit trees, with the aim of collecting relevant research achievements in molecular biology, and we also aim to pay special attention to directions related to the conservation of germplasm resources, efficient propagation, and breeding innovation. Topics of interest include the following: tropical fruit tree genetic transformation and gene editing systems, genomic analysis of excellent germplasm resources, and molecular mechanisms of fruit development and quality regulation, among others. We aim to provide ideas for solving the major industrial problems faced by tropical fruit tree-producing countries, such as variety degradation, weak stress resistance, and low propagation efficiency.

We sincerely invite agronomists and pomologists to contribute review articles and original research articles to this Special Issue, and to jointly promote the sustainable development of the tropical fruit tree industry.

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### Guest Editor

Dr. Yongzan Wei

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### Deadline for manuscript submissions

closed (25 February 2026)



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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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis

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