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Physiology and Molecular Biology of Flowering, Fruit Setting, Fruit Quality

Guest Editors:

Prof. Dr. Yuanwen Teng
College of Agriculture and Biotechnology, Zhejiang University, Hangzhou 310058, China

Prof. Dr. Zhenhai Han
College of Horticultural Science, China Agricultural University, Beijing 100193, China

Deadline for manuscript submissions:
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Message from the Guest Editors

Flowering and fruit set are very delicate and of fundamental importance for obtaining abundant production in fruit trees and many other horticultural crops, such as fruiting vegetables or ornamental plants. Fruit quality, including internal quality and external quality, is extremely important in determining purchase and consumption decisions by consumers, which eventually determines how beneficial the fruits will be for growers. Therefore, physiology and molecular biology of flowering and fruit setting and the formation and regulation of fruit quality are important research fields in horticultural sciences. Recent advances in the establishment of high-quality reference genomes, large-scale genome re-sequencing and transcriptome databases in many of horticultural crops have made it more likely than ever to gain deep insight into the molecular regulation of flowering and fruit setting, and fruit quality.

This Special Issue aims to cover different aspects of flowering, fruit set, and fruit quality, including but not limited to flower induction and development, flowering phenology, pollination and compatibility, parthenocarpy, and fruit traits.

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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.

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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