



Genetic Resources and Fruit Development Biology of Solanaceae

Guest Editors:

Prof. Dr. Lingxia Zhao

Plant Biotechnology Research Center, School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Qian Shen

School of Agriculture & Biology, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Yingying Zhang

Shanghai Key Laboratory of Protected Horticulture Technology, The Protected Horticulture Institute, Shanghai Academy of Agricultural Sciences, Shanghai 201403, China

Message from the Guest Editors

The purpose of this Special Issue entitled “Genetic Resources and Fruit Development Biology of Solanaceae” is to present the creation of novel germplasm resources using heirloom varieties, wild relatives, and mutant libraries, and to provide methodologies, technological specifications, and breeding materials. Moreover, it aims to dissect the genetic mechanisms of fruit development such as fruit ripening, fruit color formation, and the accumulation of key components or secondary metabolites associated with product qualities. This Special Issue is open to the submission of manuscripts associated with functional gene dissection, as well as interesting studies that reveal the molecular regulation mechanism of plant hormones participating in fruit ripening and development.

Deadline for manuscript submissions:

closed (10 June 2024)





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