Special Issue

Advancements in Genetic Improvement of Stress Tolerance in Vegetable Crops

Message from the Guest Editors

Vegetable crops encompass numerous species that are major nutrient sources for humans, but their growth and development are constantly exposed to various abiotic and biotic stresses, such as drought, salinity, extreme temperature, nutrient deficiency, insects, and pathogens. To deal with those stresses, vegetable crops employ complex signaling cascades consisting of a number of stress-related genes and proteins, thus enabling rapid reactions to stress and facilitating adaptive growth and development.

The aim of this Special Issue on "Advancements in Genetic Improvement of Stress Tolerance in Vegetable Crops" is to present innovative studies on the development of new genomic and molecular techniques to improve the quality and resistance to biotic and abiotic stresses of vegetable crops, and studies on the identification of new genes or specific alleles through multi-omics technologies and genomic research. This Special Issue also encourages articles describing in depth innovative molecular genetics research on agriculturally useful genes for the genetic improvement of vegetable crops.

We look forward to your excellent contributions to this Special Issue of Horticulturae.

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Deadline for manuscript submissions

15 August 2025

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/202916

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mdpi.com/journal/horticulturae

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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

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