

Special Issue

Underlying Molecular Mechanism of Abiotic Stress Tolerance and Fruit Quality in Tomato

Message from the Guest Editors

This Special Issue is focused on the progress achieved in deciphering the physiological, molecular, and metabolic mechanisms of abiotic stress tolerance and fruit quality in tomato as well as the interaction between abiotic stress and fruit quality, since the fruit quality properties of tomato can be strongly modified by environmental conditions. Papers submitted to this Special Issue must report innovative research results and perspectives about the identification of key genes and mechanisms involved in abiotic stress tolerance and fruit quality of tomato, through the use of different strategic approaches, including omics (transcriptomics, proteomics, metabolomics, ionomics, etc.) as well as genetics and molecular, physiological, and anatomical tools.

Keywords:

Salt Stress
Drought
Temperature Stress
Wild species
Traditional varieties
Genomic
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Transcriptome
Proteome
Metabolome
Ionome

Guest Editors

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