

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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Physiological response
Transcriptome
Proteome
Metabolome
Ionome

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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