

Special Issue

Precision Regulation of Stress Responses in Horticultural Plants

Message from the Guest Editors

Environmental stresses significantly affect horticultural plants—fruits, vegetables, ornamentals, and important medicinal plants. Different environmental shifts create multiple forms of abiotic (e.g., rising temperatures, drought, cold stress, salinity stress, UV radiation, heavy metal pollution) and biotic stresses (e.g., insect attacks, fungi, bacteria, viruses, and other pathogens) that often interact and intensify one another. This Special Issue focuses on recent findings related to plant responses to diverse environmental stresses, as well as strategies to enhance their resilience. We welcome all studies exploring morphological, physiological, biochemical, and molecular responses to stress, particularly those that provide new insights into the mechanisms and signaling pathways underlying plant resistance. In addition, this Special Issue highlights biotechnological approaches developed to improve crop performance, whether in vitro or under field conditions. We are pleased to invite you to submit original research articles and reviews in this Special Issue.

Guest Editors

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About the Journal

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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