

Special Issue

Developing Temperature-Resilient Plants: Responses and Mitigation Strategies

Message from the Guest Editors

During the last decade, omics approaches and seed priming with different phytohormones/plant growth regulators have revolutionized how plant biologists explore stress-responsive mechanisms and pathways, driven by current scientific developments. However, investigations are still required to explore numerous features of temperature stress responses in plants to create a complete idea in stress signaling. Therefore, this special issue will highlight the recent advances in the utilization of different conventional and modern biotechnological strategies such as (but not limited to) genomics, transcriptomics, metabolomics, proteomics, miRNA, genome editing, transgenic plants, exogenous application of plant growth regulators, etc., to understand stress adaptation and tolerance mechanisms to feed the growing population. We welcome submissions of original research and review articles dealing with temperature stress at both physiological and molecular levels.

Guest Editors

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Prof. Dr. Daojie Wang

Deadline for manuscript submissions

closed (25 September 2022)



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Editor-in-Chief

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