

Special Issue

Advancing Climate Resilience in Horticultural Crops Through Omics Technologies

Message from the Guest Editors

The increasing unpredictability of global climates poses a significant challenge to the sustainability and productivity of horticultural crops. This Special Issue aims to explore the integration of omics technologies into horticulture to develop crops that are resilient to the changing climate. As the planet faces unprecedented climatic shifts, ensuring the sustainability and productivity of horticultural crops becomes crucial. This issue will bring together research that utilizes genomics, transcriptomics, proteomics, metabolomics, and phenomics to address challenges in horticulture such as drought, heat stress, salinity, and disease pressures. Through a collection of innovative research articles, reviews, and case studies, we aim to highlight the latest advancements and methodologies in omics that contribute to the development of climate-resilient horticultural crops, ensuring food security and agricultural sustainability. This Special Issue is supervised by and assisted by Dr. Irfan Ali Sabir (South China Agricultural University, China).

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