



## Molecular Insight of Plants Response to Drought Stress

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### Message from the Guest Editors

Dear Colleagues,

Drought is one of the main abiotic stresses to plants. This multidimensional stress affects plants at several levels of their organization, including their phenology, physiological behavior and morphological changes. Drought not only reduces plant growth but also suppresses development, leading to a reduction in flower production, grain filling, and yield production.

At the molecular level, several drought-responsive genes, transcription factors, aquaporins, late embryogenesis abundant proteins, heat shock proteins, and dehydrins have been identified in stress responses in plant models. However, the complexity of most plant genomes and the overall lack of knowledge of specific molecular mechanisms underlying drought tolerance for most plants remain a major challenge.

Therefore, this Special Issue aims to improve our understanding of the molecular mechanisms associated with responses to drought. Authors are invited to submit related original research articles, reviews, and communications.





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## Message from the Editor-in-Chief

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