

Special Issue

Metabolic Responses in Plants Under Abiotic Stress

Message from the Guest Editor

The Special Issue "Metabolic Responses in Plants Under Abiotic Stress" focuses on the metabolic changes in plants in response to abiotic stress. The global environment is changing rapidly, and extreme temperatures, drought, salinity, and heavy metal toxicity constantly challenge plant growth. Special topics cover various aspects of abiotic stress metabolism, including the accumulation of compatible solvents, activation of the antioxidant system, regulation of energy metabolism, and changes in lipid metabolism. Understanding these metabolic changes is crucial to developing strategies for enhancing plant stress tolerance and increasing productivity in challenging environments. This Special Issue provides valuable insights into the complex mechanisms underpinning the metabolic response to plant biosecurity.

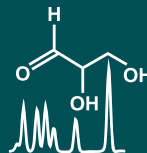
Guest Editor

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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