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# Plant Metabolites and Their Reprogramming for Plant Tolerance under Environmental Stress

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## **Message from the Guest Editors**

Dear Colleagues,

Plant metabolites, including primary and secondary important compounds metabolites. are development and are going through reprogramming in plant responses to stresses. Plants respond to abiotic stresses by altering several aspects, including gene expression and the contents of primary and secondary metabolites. These multifaceted changes enable plants to adapt to and tolerate adverse circumstances. Priming compounds, such as natural metabolites or synthetic compounds, have shown an excellent opportunity to increase environmental stress tolerance in various plants (agricultural crops and medicinal plants, etc.) without modification of their genome. Growing evidence has indicated the importance of metabolic reprogramming and priming to enhance abiotic stress tolerance in a wide range of important crops.

This Special Issue aims to collect scientific contributions that can provide more insights into metabolic adjustments and their regulations in plants. Characterization of the metabolite composition in plants grown under environmental stress conditions can help us to decipher the innovative metabolic signaling pathways.



**Special**sue









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## Message from the Editor-in-Chief

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