



## Jasmonates and Abiotic Stress Tolerance

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### Message from the Guest Editor

For a long time, jasmonates have been considered as regulators of plant responses to biotic challenges. However, data on the protective functions of these hormones under conditions of abiotic stresses gradually accumulated. The functions of jasmonates are implemented through the regulation of gene expression and interaction with other regulatory systems in plants. Multiple evidence demonstrates that under abiotic stress conditions jasmonates mediate alteration of gene expression profile and redistribution of metabolic fluxes leading to the changes in plant morphology, growth rate, and defense status. It is important that the stimulation of jasmonate signaling pathways can be carried out both by means of genetic modifications leading to the alteration of the endogenous jasmonate levels and through the exogenous hormone treatment. In this Special Issue, we invite the submission of research articles and review manuscripts related to the role of jasmonates in plant responses to the various abiotic challenges, including suboptimal water regime and salinity, excessive and insufficient light, unfavorable temperature conditions, nutrient deficiency, and exposure to toxic compounds.





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## Message from the Editor-in-Chief

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