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## Jasmonates in Crop Plants: Regulation of Growth, Productivity and Stress Tolerance

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Deadline for manuscript  
submissions:

**closed (31 July 2023)**

### Message from the Guest Editor

The acquisition of fundamental knowledge about plant hormones has provided a theoretical basis for the development of new approaches to controlling plant stress tolerance and productivity. We now know a great deal about how the phytohormones jasmonates regulate plant growth, development, and adaptive responses under adverse environmental conditions, and this knowledge reveals considerable potential for their application in various areas of agriculture. However, the effects induced by jasmonates can vary widely depending on plant species, variety, developmental stage, the concentration of exogenously applied hormone, duration of treatment, etc. Studying the peculiarities of the jasmonate-regulated processes in individual crop plants is a necessary step in transitioning these phytohormones to practical application. In the current Special Issue, we invite new experimental works and review articles describing the biological functions of jasmonates in crop species and their potential for agricultural application to improve crop tolerance and productivity.



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# Special Issue



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## Message from the Editor-in-Chief

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