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Strategies for Enhancing the Production of Secondary Metabolites in Plants

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Message from the Guest Editor

Dear Colleagues,

Plant secondary metabolites are small molecules produced by plants and are crucial in processes associated with plant fitness, such as adaptation to changing environments and abiotic stresses, and the defense against pathogens, herbivores, and neighboring plants. Elicitation is another important strategy based on the application to plants of physical factors or certain chemical compounds that induce physiological changes and stimulate defense or stress-induced responses in plants, including the biosynthesis of secondary metabolites.

In this context, the purpose of this Special Issue is to collect the most advanced research regarding the manipulation of the biosynthesis and accumulation of secondary metabolites in plants. The information provided here will be useful for the development of effective tools that will help in better meeting the market needs for bioactive-based products and in increasing the role of these metabolites in plant growth and defense.



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Special Issue



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Message from the Editor-in-Chief

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