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Transcriptome Study on Citrus Plants: The Current Update

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Message from the Guest Editor

Dear Colleagues,

A comprehensive understanding of plant genomes with detailed and accurate analyses of the associated gene expressions is of crucial importance for both basic research and practical applications. Transcriptomics methodologies have developed in the last decade, allowing analyses of expression changes both along the time and tissue that is being analysed, as well as in response to environmental changes. Therefore, transcriptomics play a key role in identifying the relevant genes useful for improving traits related to production, reproduction, fruit quality or sustainability, among others. Citrus is one of the most important fruit crops in the world, both in terms of fruit production and economic value. In this Special Issue, entitled “Transcriptome Study on Citrus Plants: The Current Update”, research contributions on citrus gene expression profiles under different environmental conditions, as well as the functional characterisation of the genes involved in fruit development and ripening, will be highlighted, with a particular emphasis on the mechanisms of plant responses to the environmental challenges imposed by climate change and pathogens.



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Message from the Editor-in-Chief

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