

## Special Issue

# Plant Hormone Signaling Regulation and Metabolites in Fruits

### Message from the Guest Editors

Plant hormones are an interesting group of molecules that govern plant developmental programs and molecular mechanisms to face biotic and abiotic stresses. Fleshy fruit development and ripening is a particular plant program where phytohormones command several processes involving the regulation of the expression of key transcription factors related to primary and secondary metabolism, which leads to biochemical changes and the accumulation of compounds of interest for fruit quality. The exogenous application of plant hormones or related compounds has been demonstrated to be an effective trigger for the accumulation of specific metabolites at fruit ripening and postharvest. Nevertheless, many relationships between plant hormones, transcription factors, and metabolite biosynthesis remain to be characterized involving phytohormone crosstalk that determines the development, ripening, and final quality of both climacteric and non-climacteric fruits. Therefore, this Special Issue of *Plants* will highlight the plant hormone signaling and metabolite accumulation in fruits, considering the connection between molecular, biochemical, and metabolic levels and their impact on fruit quality.

### Guest Editors

Prof. Dr. Carlos R. Figueroa

Institute of Biological Sciences, Campus Talca, Universidad de Talca,  
Talca 3460000, Chile

Dr. Lida Fuentes-Viveros

Centro Regional de Estudios en Alimentos Saludables-CREAS, Avenida  
Universidad 330, Campus PUCV Curauma, sector Placilla, Valparaíso  
2340000, Chile

### Deadline for manuscript submissions

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## Plants

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[plants@mdpi.com](mailto:plants@mdpi.com)

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*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

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