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Molecular and Physiological Regulation of Secondary Metabolism in Vegetables 2.0

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Message from the Guest Editors

Vegetables are closely related to human daily life. They not only decorate food with their colorful appearance but also guarantee the health of the people with their comprehensive and rich nutrition, especially bioactive compounds from secondary metabolism. Vegetables contain a variety of secondary metabolites, which are widely involved in growth and development, resistance against biotic and abiotic stresses, quality characteristics and formation, and other physiological processes of vegetable crops. Likewise, they can be influenced by intrinsic genetic factors and extrinsic environmental factors, as well as postharvest handlings. Today, the genomic sequence of more and more vegetable crops has been released, facilitating the elucidation of regulatory mechanisms of secondary metabolites in vegetable crops together with other technologies, such as omics, gene editing technologies, and bioinformatics. Therefore, in this Special Issue, articles that focus on the regulatory mechanism of secondary metabolism and their role in vegetable growth and development, as well as responses to environmental stresses, quality characteristics and changes at omic levels, are most welcome.



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Special Issue



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Message from the Editor-in-Chief

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