Special Issue

Transcriptional Regulation during Fruit Development and Ripening

Message from the Guest Editor

Transcriptional regulation is one of the major regulatory processes that allow fruit to respond to the intra- and extracellular signals and to tightly coordinate cellular activities by a network of interacting genes. Fruit development is often characterized by a series of developmental conversions. Meanwhile, fruit ripening is regarded as a critical biological process modifying the biochemistry and physiology of fruits, dramatically affecting fruit quality, such as their appearance, texture, flavor, and aroma. Since most fruit traits, including sensory (such as fruit size and shape) and nutritional qualities, are elaborated during the development and/or the ripening stage, the dissection of the crucial genetic and molecular factors regulating fruit development and ripening is an urgent task toward improving the overall fruit quality of horticultural crops. The purpose of this Special Issue "Transcriptional Regulation during Fruit Development and Ripening" is to present the state-of-the-art progress in molecular research on fruit crops' growth and maturation. Innovative articles on the mechanisms of transcriptional regulation in any fruit species are welcome.

Guest Editor

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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