



Advances in Fruit Quality Formation and Regulation

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Message from the Collection Editors

In the past decade, mechanisms of fruit quality formation and regulation have gained rapid advances, from physiology to molecular aspects. However, there are still many basic theoretical problems that need to be solved urgently—the post-harvest fruit quality maintenance mechanism and the mature and senescence regulation network are still incomplete, the interaction mechanism between environmental conditions and endogenous factors is not clear, and the similarities, differences, and laws of different types of fruit quality maintenance regulation methods are still unclear. In addition, it is notable that the unbalances among the various quality traits (i.e., anthocyanin metabolism) and fruit species, and, apart from transcriptional regulatory, other mechanisms such as translation regulation, translation modification and microRNA, should receive more attention. The purpose of this Special Issue is to present the recent advances in fruit quality formation and regulation. This Special Issue will mainly focus on pre-/post-harvest regulations on fruit quality and aims to cover various quality traits, including (but not limited to) flavor, aroma, texture and color.





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Message from the Editor-in-Chief

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