Special Issue

Biotechnology Advances during Fruit Ripening and Vegetable Post-harvest

Message from the Guest Editors

Fruit and vegetable crops are major nutrient sources for humanity. Their quality and marketability alter during ripening and post-harvest because they keep respiring and undergoing physiological and metabolic changes. Many physical treatments and applications of chemicals for shelf-life extension and quality improvement in postharvest fruits and vegetables have been developed. Recently, marked progress has been made in the application of biotechnologies such as genetic transformation, gene silencing, genome editing, edible coating, and bioactive additives. Thus, papers that explore biotechnologies on fruit ripening and vegetable post-harvest to improve storage quality, understand and regulate mechanisms to elucidate quality deterioration and decay, reduce the incidence of postharvest diseases, and control postharvest loss during storage and transport are welcomed. All manuscripts, including original research articles, reviews, and methodology papers, are highly encouraged.

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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.

Editor-in-Chief

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