Special Issue

Genetic Sight: Plant Traits during Postharvest

Message from the Guest Editor

The growing consumption pattern of fruits and vegetables requires consistent production, reliable postharvest management/technologies, and distribution without compromising quality. However, fresh fruits and vegetables remain metabolically active after harvest and undergo ripening and senescence processes. If proper postharvest management/technologies are not implemented, postharvest losses are inevitable due to the susceptibility of fresh commodities to developing postharvest diseases, injuries, and disorders. In recent years, advanced research on the integration of molecular biology, biochemistry, genetics, next-generation sequencing, and cell biology has had an enormous impact on horticultural crops. By the same token, molecular research during postharvest could contribute to reducing postharvest losses. Understanding the molecular mechanisms involved in postharvest processes could help to breed resistant cultivars and improve postharvest technologies for controlling physiological changes. This Special Issue warmly welcomes molecular studies related to postharvest management/technologies of horticultural crops.

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