Special Issue

Molecular Regulation of Fruit Ripening and Postharvest

Message from the Guest Editors

Fruit ripening involves a myriad of genetically coordinated processes oriented to make the fruit more attractive for seed-dispersing organisms, and makes fruits suitable for human consumption. The changes occurring in this ontogenetic phase involve several modifications, such as alteration in color, texture, and the formation of a wide class of secondary metabolites. The aim of this Special Issue is to emphasize the importance of improving the knowledge on the fruit ripening mechanisms leading to of maintenance the fruit quality attained during on-tree ripening, as well as deciphering the molecular mechanisms at the base of the modifications taking place during postharvest, preventing loss of fruit while promoting food security. For these purposes, scientists involved in the multidisciplinary study of fruit ripening, from genetics to transcriptomics and gene editing, are invited to contribute to the gain of knowledge in this field by presenting their valuable results, which will represent the fundament for the release of a new generation of fruit crops.

Guest Editors

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Message from the Editor-in-Chief

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.

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