

Special Issue

Molecular Regulation of Fruit Ripening in Climacteric and Non-Climacteric Fruits

Message from the Guest Editor

The regulation of fruit ripening has always been considered a hot topic in plant biology, mainly for its implications in many aspects of fruit production, storability and marketability. Relying on model plant species to understand the molecular regulation of ripening in climacteric and non-climacteric fruits has resulted in many useful applications. The last 10 years have witnessed the release of whole genome sequences for many economically important fruit species to the public domain, which along with the availability of bioinformatics tools has resulted in many comparative studies. The purpose of this Special Issue is to introduce a comprehensive view of the major molecular elements that mediate the ripening process in climacteric and non-climacteric fruits. Studies based on hormone profiling, gene expression analyses, comparative omics, mutant analysis, marker discovery and functional genomics are particularly encouraged to participate in the issue. In addition, review articles in this topic will also be considered.

Guest Editor

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