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Gene Regulation of Ripening, Senescence and Stress Resistance in Horticultural Crops

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Horticultural crops' ripening, senescence and stress resistance affect the postharvest life, quality, and commercial value. So, how may we maintain and extend the shelf-life most effectively to increase product values? Ripening and senescence are complex processes, which include cell wall softening, sugar accumulation, color changes, the production of aroma and volatiles and increased pathogen invasion. The progress was related to gene expression coordination, cell-cell signaling, and various biochemical pathways. Genes involved in regulating fruit ripening, senescence and stress resistance are being studied in great demand, which provides the theoretical basis for elucidating the mechanism of such progress. In this Special Issue, we encourage the submission of manuscripts of original papers and review articles focusing on the gene regulation of ripening, senescence and stress resistance in horticultural crops, including fruit, vegetables, flowers, tea and nuts. Manuscripts reporting novel fundamentals and innovations in research techniques are encouraged.

Prof. Dr. Shaolan Yang
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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