



Anthocyanins in Molecular Biology

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Message from the Guest Editor

Dear Colleagues,

Due to their influence on the various colors found in flowers, fruits, and vegetables, as well as their strong antioxidant effects, plant biologists have been interested in the biosynthetic mechanisms of anthocyanins. Anthocyanin accumulation is determined by the balance between biosynthesis and degradation. Therefore, the understanding of the anthocyanin biosynthesis–degradation pathway and the regulation of anthocyanins will allow the development of novel horticultural crops enriched in these compounds, resulting in enhanced aesthetic properties and nutritional value. This Special Issue covers various aspects of biosynthetic and degradative mechanisms in anthocyanins, such as the identification of biosynthetic and degradation-related genes in anthocyanins via molecular biology, the investigation of anthocyanin degradation mechanisms, as well as metabolic engineering of anthocyanins in plants.





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Message from the Editor-in-Chief

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