

Special Issue

Advances in Regulatory Mechanism of Flower Color and Odor in Horticultural Crops

Message from the Guest Editor

Flower colors and scents are the most interesting traits of horticultural crops, which provide important ornamental values and economic values. Color and scent are both complex, quantitative traits with rich genetic variation and high environmental plasticity. Due to the complex metabolic pathways and diversified phenotypes of flower colors and scents, it is challenging to illustrate their regulation maps. The regulation mechanisms may involve different aspects, including metabolism, genetics, development processes, and environmental responses. Hence, in the context of this Special Issue, comprehensive studies of multi-levels are preferred, including multi-omics, metabolic flux, genetic verification, and molecular interaction, to give new insights into the regulatory mechanism. In this Special Issue, we aim to provide knowledge on the flower color and scent of horticultural crops involved in gene and metabolic regulation, developmental regulation, environmental regulation, or any aspect related to the regulation mechanism.

Guest Editor

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