Special Issue

Genetic Improvement of Ornamental Plants

Message from the Guest Editor

The market demands for ornamental plants, including flower bulbs, cut flowers, and flowering pot plants, increases annually, compelling scientists and breeders to create new cultivars. In ornamental species, floral attributes, including flower color, flower shape, floral scent, and flowering time, are the most attractive traits of interest for breeders. In recent years, however, genetic engineering (somatic mutation and transgenic and genome modification/editing), molecular marker-assisted selection, and the next-generation-sequencing-derived multi-omic technologies have led to considerable progress in ornamental germplasm enhancement, showing great potential to expedite the breeding process compared with conventional methods. The proposed Special Issue shall present recent advances concerning improvement in floral attributes of ornamental species by implementing biotechnological approaches. We are looking forward to receiving your manuscript related to the theme of the Special Issue and sharing your results with the research community.

Guest Editor

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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