Special Issue

Germplasm, Genetics and Breeding of Ornamental Plants

Message from the Guest Editors

Ornamental plants have significant ornamental and economic value, and are the foundation of the development of the ornamental horticulture industry. In recent years, the breeding of ornamental plants has been driven by the development of molecular biology, molecular breeding and gene-editing technology. Strengthening the protection and utilization of germplasm resources and promoting breeding and genetics research are essential in the creation of high-quality and high-value ornamental horticultural varieties.

The aim of this Special Issue is to present innovative studies, approaches, and techniques related to the research of ornamental plants; this includes research on the molecular mechanism implicated in the formation of ornamental traits (flower color, flower shape, floral aroma, leaf color, plant type, etc.), the stress response mechanism in ornamental plants, the formation of a secondary metabolism, plant hormones, breeding techniques, and the development and utilization of germplasm resources, etc. This Special Issue welcomes the submission of innovative research and review articles related to this topic.

Guest Editors

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Deadline for manuscript submissions

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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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