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Germplasm Resources and Genetic Breeding of Ornamental Plants

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Deadline for manuscript submissions:
closed (15 May 2024)

Message from the Guest Editors

Dear Colleagues,

Ornamental plants include landscape trees, flowers, and other ground cover. The germplasm generally have beautiful flowers fruits or leaves, or attractive shapes. For high ornamental value,the study usually focused on the conservation and utilization of germplasm resources, analysis of genetic mechanism, mining of functional genes, and breeding of new varieties with excellent traits.

The scope of this Special Issue includes a series of contents, such as planting resources and application of ornamental plants, genetics and breeding of ornamental plants, cultivation technology and promotion and application, etc. This Special Issue focuses on genetic traits related to flower color, floral fragrance, stress resistance, and genetic mechanism of the characteristic ornamental plants by means of modern biotechnology, and then improve and cultivate new varieties. This Special Issue also encourages the practical problems existing in the production of germplasm of ornamental plants,the theoretical research and discussion on the physiological mechanism and molecular mechanism.

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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.

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