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Physiological and Molecular Biology Research on Ornamental Flower

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Deadline for manuscript submissions:
closed (22 March 2024)

Message from the Guest Editors

Ornamental plants play an important role in human life and health, and are widely used in agriculture, industry, and medicine, with great scientific interest and economic implications. However, although most flowers have difficulty in breeding, and their excellent characters cannot be maintained, the regulatory mechanism has not been thoroughly studied. Therefore, the study of physiology and molecular biology of ornamental plants can not only provide assistance for the screening of candidate genes and targeted breeding, but also help to study the regulatory mechanism of ornamental flowers through classical molecular biology.

This Special Issue welcomes contributions. Potential topics include, but are not limited to:

- Biotechnology or physiological research on ornamental plants;
- Gene editing of ornamental traits;
- Molecular regulatory mechanism of ornamental traits;
- Biosynthesis of secondary metabolites in ornamental plants;
- Biotic or abiotic stress resistant gene function in ornamental plants;.
- Integrative analysis of multi-omics.

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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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