

# Special Issue

## Evaluation, Protection, and Efficient Utilization of Excellent Resources of Peony

### Message from the Guest Editors

Peony is of great medicinal, ornamental, edible, oil, and economic value, and it can provide not only fresh flowers, but also most of the oil, vitamins, minerals, antioxidants, medicinal materials, and bioactivity substances that are necessary for humans. With the increasing societal demand for a better, healthier, and longer life, the exploration and utilization of peony resources are incredibly necessary. Therefore, new strategies for the evaluation and utilization of peony resources and deciphering of the mechanisms of regulation of important economic and agronomic traits are urgently needed. The Special Issue aims to publish selected contributions on advances in the evaluation, gene exploration, and efficient utilization of excellent resources of peony. Potential topics include but are not limited to:

- Evaluation of peony resources;
- Excellent gene exploration;
- Cultivation and tissue culture;
- Molecular mechanisms of important economic and agronomic traits;
- Mechanisms of important metabolite synthesis;
- Function of peony extractions;
- Edible food development;
- Role of chemical compounds in medicine.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 October 2023)



# Horticulturae

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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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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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