



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

Guest Editors:

Dr. Shunli Wang

Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Shanshan Li

Institute of Botany, Chinese Academy of Sciences, Beijing 100081, China

Deadline for manuscript submissions:

closed (20 October 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and
Environmental Sciences and
Technologies (DiSTeBA), Salento
University, 73100 Lecce, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)

Contact Us

Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI