

Special Issue

Seed Germination and Micropropagation of Ornamental Plants

Message from the Guest Editors

Ornamental plants are of high significance for human life and can help improve the environmental conditions in cities since ancient times. As such, they are used in interior and exterior landscaping as trees, shrubs, as well as annual and perennial species. They are also cultivated for cut flowers or as pot and foliage plants. New species from the wild have high research interest, and their introduction in the local horticulture industry is aiming to adapt to climate change. Sexual and asexual propagation are employed for their production; many native plant species have been introduced in the floriculture industry, greatly supporting biodiversity and local pollinators. Micropropagation is a tool used for in vitro conservation and research concerning the production of plant clones with desirable characteristics for crosses to improve wild species for potential horticultural use. Fruit trees as well as aromatic and medicinal plants are also very attractive and can be used as ornamentals. Additionally, xeriscapes could be enriched with new species selected for their water efficiency. The local rural landscape character could be enhanced by the use of wildflowers meadows.

Guest Editors

Dr. Konstantinos Bertsouklis

Dr. Epaminondas Kartsonas

Dr. Angela Carra

Deadline for manuscript submissions

closed (31 December 2023)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/104118

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



About the Journal

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

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

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)