



## Research Advances in Plant Stress Biology

Guest Editors:

**Prof. Dr. Qingmei Guan**

College of Horticulture,  
Northwest A&F University,  
Yangling 712100, Shanxi, China

**Dr. Vincent G.M. Bus**

Plant & Food Research, Private  
Bag 1401, Havelock North 4157,  
New Zealand

Deadline for manuscript  
submissions:

**22 May 2024**

### Message from the Guest Editors

Adverse environments are defining the production of horticultural crops worldwide. As sessile organisms, horticultural crops are continuously facing abiotic and biotic stresses and thus have evolved various strategies at the physiological, biochemical, and molecular levels. Understanding the physiological and molecular mechanisms of horticultural plants in response to stresses is pivotal for their improvement of stress tolerance. We encourage the submission of high-quality research articles that

1. provide novel insights into stress tolerance, adaptation, or evolution of horticultural plants;
2. engineer stress-tolerant horticultural plants;
3. generate useful tools for the evaluation of stress tolerance in horticultural plants.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Luigi De Bellis**

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, Via Provinciale Lecce Monteroni, 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 - Q2 (*Horticulture*)

## Contact Us

---

*Horticulturae* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/horticulturae](http://mdpi.com/journal/horticulturae)  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)  
[X@Horticult\\_MDPi](https://twitter.com/Horticult_MDPi)