

Special Issue

Germplasm Resource Identification and Genetic Improvement of Horticultural Crops—2nd Edition

Message from the Guest Editors

Germplasm resources are the basis of genetic material for plant breeding and crop improvement. In order to make better use of the germplasms of horticultural crops and promote the development and innovation of breeding technology, *Horticulturae* is launching a Special Issue on the topic of germplasm identification and genetic improvements of horticultural crops and is beginning to collect necessary high-quality articles. The topics of submissions to this Special Issue include, but are not limited to:

- Accurate identification of the germplasm resources of relevant horticultural crops, deeply understanding the characteristics of different varieties of the same species, and making better use of germplasm resources;
- Utilization of heterosis methods (utilization of self-incompatibility, utilization of male sterile lines, etc.) to generate new excellent cultivars;
- Applications of molecular breeding technology, including gene editing, which can improve horticultural crops and improve adaptability;
- Development of speed breeding and other new technologies for improving germplasms which provide faster and more precise strategies for the breeder.

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Deadline for manuscript submissions

closed (15 September 2025)



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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
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Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

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