

# Special Issue

## New Insights into Germplasm Resources, Biotechnology and the Genetic Breeding of Medicinal Crops

### Message from the Guest Editor

Contributions in the form of original research articles, reviews, methods, and communications covering all aspects of the characterization of medicinal crop genetic resources and their applications will be considered. The topics of submissions to this Special Issue include (but are not limited to):

The identification of new germplasm resources of medicinal crops through classical genetic breeding or modern biotechnical approaches.

The functional verification of genes underlying important traits in medicinal crops, including, but not limited to nutritional quality, active metabolites, and biotic and abiotic stress tolerance.

The in vitro micropropagation and elicitation of medicinal crops.

The application of molecular breeding technology, including gene editing, molecular markers, and multi-omics, which can improve medicinal crops and adaptability.

Active metabolites (such as polysaccharides, alkaloids, anthocyanins, flavone, vitamins, terpenes, aromatic substances, etc.) in medicinal crops beneficial for human health.

The development of speed breeding and other new technologies for improving germplasms, which provides faster and more precise strategies for the breeder.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 August 2023)



# Horticulturae

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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.

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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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