

Special Issue

Advance in Breeding and Cultivation of Medicinal Plants

Message from the Guest Editors

As the world population is growing, so is the demand for medicinal plants. Most medicinal plants are still wild-sourced, and thus the cultivation of medicinal plants is of significant importance to relieve pressure from wild populations, which are decreasing due to habitat loss, overharvesting and climate change. Domestication and breeding of medicinal plants play a vital role in ensuring industry has high-yielding genotypes with high content of certain secondary metabolites for cultivation. As the first step of the breeding characterisation of available genetic resources takes place, it is followed by traditional biotechnology and molecular biology methods to create new varieties. Once the superior genotypes are selected, cultivation techniques need to be developed. Both environmental conditions and applied agrotechnologies affect yield and quality, and a rise in the demand for organic and pesticide residue-free medicinal herbs adds to the challenges faced by agronomists. We welcome papers discussing the characterisation of wild accessions, breeding, propagation and cultivation of medicinal plants.

Guest Editors

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Deadline for manuscript submissions

closed (10 December 2023)



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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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