

# Special Issue

## Research on Cultivation and Biological Activity of Medicinal Plants in Horticultural Production

### Message from the Guest Editors

To meet the increasing demand for plants, it is becoming vital that we conserve them, through domestication and cultivation or other ex-situ or in situ conservation measures, to guarantee their sustainable use. An emphasis on the cultivation of wild forms, rather than collection from the wild, would also protect plants' botanical identity and ensure their genetic improvement, quality, and continuity of supply. This cultivation would need to be initiated under well-defined conditions, taking into account the requirements of different species.

This Special Issue will present findings in the field of the identification of the biologically active substance (BAS) content of cultivated medicinal plants. Also within our scope are the effects of cultivation practices on the bioactivity of medicinal plants, such as the influence of abiotic factors (irrigation regimes, soil, light) and cultivation methods (in vitro propagation, hydroponics, greenhouse, open-field) on the BAS content in medicinal plants. Articles related to the effectiveness of BASs from medicinal plants as biocides and pesticides, as well as phenological variations in their content during cultivation, are also welcome.

### Guest Editors

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### Deadline for manuscript submissions

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### 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  
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