

# Special Issue

## Production and Cultivation of Microgreens

### Message from the Guest Editors

In recent years, due to the growing interest in healthy and easily available food, microgreens have become an important topic of research in many disciplines.

Microgreens represent a new type of agriculture with many benefits. Microgreens are plants in the first stage of development (7–14 days after germination) produced from vegetable, herb or cereal seeds in different growing media. It is known that microgreens are considered the 21st century equivalent of food with a high level of phytochemicals (carotenoids, polyphenols, etc.) and excellent nutritional and organoleptic quality.

The purpose of this Special Issue "Production and Cultivation of Microgreens" is to present new findings about the methods of growing microgreens of different plant species, introducing new plant species into this type of food production, appropriate innovative growing conditions, the quality and nutrition content of the produced plants, control of environmental conditions during their cultivation, new media for cultivation, antioxidant activity and capacity, and all other research related to the production of microgreens.

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### Guest Editors

Dr. Girek Zdenka

Dr. Francesco Di Gioia

Dr. Suzana Pavlović

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### Deadline for manuscript submissions

20 November 2025



# Horticulturae

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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  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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