

# Special Issue

## Horticultural Crop Physiological Responses under Biotic and Abiotic Stress

### Message from the Guest Editors

Global climate change will determine the increase in semi-arid conditions that will significantly hamper the production and productivity of horticultural crops. Crop production is affected by a vast range of abiotic and biotic stresses today, such as drought, salinity, flooding, low or high temperatures, and pest and disease attacks. The capacity of plants to address these stresses depends on their adaptation capacity. Tolerant plants may express different strategies to adapt or to avoid the negative effects. To forecast the effects of biotic and abiotic stresses and individuate the possible resistance mechanisms and/or to mitigate the negative effects of these stresses in crops, the study of physiological and biochemical responses in horticultural crops is of the highest importance. In this context, this Special Issue aims to collect original and quantitative studies focusing on the effects of biotic and abiotic stress on horticultural plants. Studies conducted on different crops in open fields or in controlled environments are welcome. Particular attention will be paid to the analysis of the physiological and biochemical response mechanisms to stress.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2024)



## 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, 73100 Lecce, Italy

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