

# Special Issue

## New Challenge of Fungal Pathogens of Horticultural Crops

### Message from the Guest Editors

This Special Issue aims to shed light on emerging fungal pathogens and their interactions with horticultural crops, elucidating the underlying mechanisms of pathogenesis and host resistance. Research exploring the manipulation of plant microbiomes to enhance disease resilience and the development of resilient crop varieties through breeding or genetic engineering will also be highlighted. Additionally, the role of cultural practices—such as crop rotation, sanitation, and irrigation management—in mitigating the proliferation of pathogens will be explored in depth. Contributions addressing the impact of fungal diseases on the post-harvest quality, food safety, and marketability of horticultural commodities are encouraged. This includes investigations into the persistence of mycotoxins, allergens, and other contaminants in harvested produce, as well as the development of post-harvest treatments for mitigating spoilage and extending shelf life.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2024)



# 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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