

# Special Issue

## Advances in Genetics, Breeding, and Quality Improvement of Olive

### Message from the Guest Editors

The olive is one of the oldest and most valuable fruit crops in the world. The challenges in olive cultivation posed by climate change, new cultivation systems, and abiotic and biotic stress have urged us to find new sources of variability. New insights into the genetic resources of species is an important first step towards their evaluation, conservation, and sustainable utilization. In this sense, the Special Issue titled "Advances in Genetics, Breeding, and Quality Improvement of Olive" aims to present the latest research and advances in the field of olive genomics and breeding. The Special Issue aims to showcase innovative studies exploring the genetic diversity of olives (including olive wild relatives; advances in breeding techniques; and new approaches to improving the quality of the olive trees, fruit, and oil). Contributions may include, but are not limited to, research on conservation and breeding strategies, genome sequencing, phenotypic trait mapping, molecular marker development, cross-breeding outcomes, improved pest and disease resistance, and the impact of genetic improvements on the sensory properties and nutritional value of olives and olive oil.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 May 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  
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