

# Special Issue

## Research Progress on Grape Genetic Diversity

### Message from the Guest Editors

Grapes are one of the most widely cultivated and highest-value horticultural crops in the world. As of now, there are tens of thousands of grape cultivars in the world, with differences in phenomics or genomics. Much research on the assessment of the qualitative and quantitative traits of grapevines has been conducted, including growth, development, stress resistance, architecture, physiology, chemistry, ecology, and yield. Many new techniques have been used in related research; therefore, the research on grape genetic diversity has seen rapid development. In this Special Issue, we intend to publish original research reports and reviews concerning grape genetic diversity. Topics might include, but are not limited to, the analysis of grape trait and grape gene function, the response of grapevines to environmental stress, from genes to physiology, and breeding lines with which to identify the QTLs/genes that can potentially be used in breeding through marker-assisted selection. In addition, this Special Issue also includes the detection of genes using bioinformatic analysis or omics tools.

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### Guest Editors

Dr. Zhaosen Xie

Dr. Bin Han

Dr. Bo Wang

Dr. Dalong Guo

Dr. Diego Rivera-Nuñez

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### Deadline for manuscript submissions

closed (5 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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