



## Conservation of Grapevine Genetic Resources

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### Message from the Guest Editors

Dear Colleagues,

Grapevines are one of the longest domesticated plant species. Complementary conservation strategies should be considered to conserve collections of *Vitis* genetic resources for future requirements of breeding programs.

Methods are based on slow growth storage and cryopreservation. Under cryopreserved conditions, the genetic integrity of the plant tissue is kept for an indefinite period of time, without any manipulations. Reliable cryopreservation methods that result in high levels of regrowth after liquid nitrogen exposure are key to the development of successful base collections. Recent advances in grapevine cryopreservation using vitrification-based procedures appear to be promising in order to overcome species- and genotype-specific responses.

This Special Issue publishes research articles and reviews addressing short- medium- and long-term preservation of germplasm including field, in vitro and cryopreserved collections, safe germplasm exchange, management of germplasm banks, description, identification and evaluation of germplasm for grapevine.





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## Message from the Editor-in-Chief

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