Special Issue

Grape Responses to Abiotic and Biotic Stresses

Message from the Guest Editor

Grapes have been identified as one of the largest and most important agricultural commodities in the world, and, like other commodities, grapevines are constantly challenged by changing environmental conditions and by pathogens. These changing environmental conditions or abiotic stresses such as light, temperature, and water extremes cause significant crop yield and quality losses. However, research has shown that grapevines undergo chemical, physical, and physiological changes in order to resist cell and tissue damage from abiotic stresses. This Special Issue aims to highlight recent advances investigating the influences of genotype, vine culture, and vine management to improve the grapevine's response to an abiotic stress. Most grapevine biotic stresses are caused by phytopathogenic organism infections. This Special Issue will discuss recent genetic manipulations, biocontrol mechanisms, and elicitors used to prevent or reduce the damage from a fungal infection.

Guest Editor

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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.

Editor-in-Chief

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