

## Special Issue

# The Effect of Abiotic Stress on Grapevine: A Physiological, Transcriptional and Metabolic Perspective

### Message from the Guest Editors

climate extremes during the past few decades with droughts, floods, and heat waves occurring in all parts of the world. Under this changing climate, as quality and yield of grapevine are directly linked with local climate variables through the terroir expression, wine-growing regions now perfectly suited to a given cultivar may become less so. Understanding physiological and metabolic response of plants to challenging environments is essential for preventing and mitigating possible negative effects on yield and grape quality.

This Special Issue of *Plants* will highlight the mechanisms of regulation of grapevine physiology, organ metabolism, source-sink signaling, hormone crosstalk, whole plant ecophysiological responses to abiotic stresses expected by current and future climate change scenarios.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2022)



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## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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