



## **Biotic and Abiotic Stress Management in Grapevine: Recent Advances and Major Breakthroughs**

Guest Editors:

**Dr. Rita B. Santos**

Grapevine Pathogen Systems  
Lab, Biosystems and Integrative  
Sciences Institute, Faculdade de  
Ciências da Universidade de  
Lisboa, 1749-016 Lisboa, Portugal

**Dr. Andreia Figueiredo**

Grapevine Pathogen Systems  
Lab, Biosystems and Integrative  
Sciences Institute, Faculdade de  
Ciências da Universidade de  
Lisboa, 1749-016 Lisboa, Portugal

Deadline for manuscript  
submissions:

**closed (10 February 2023)**

### **Message from the Guest Editors**

This Special Issue aims to bring together the community that tackles these challenges in grapevines to help create a broader image of possible future solutions for stress management in this crop. The Special Issue welcomes, but is not limited to, manuscripts that address the following topics:

- Biochemical studies on the molecular mechanisms of stress defense;
- Biocontrol and priming strategies at lab and field scale;
- Genetic resources, breeding strategies and phenotypic diversity;
- The impact of microbiome communities on stress management;
- Valuable agronomic traits;
- Novel bioinformatic tools;
- Robotic solutions for stress prediction;
- Phenotyping.





an Open Access Journal by MDPI

## **Editor-in-Chief**

### **Prof. Dr. Peter Langridge**

School of Agriculture, Food and  
Wine, University of Adelaide,  
Urrbrae, SA 5064, Australia

## **Message from the Editor-in-Chief**

*Agronomy* draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

## **Contact Us**

---

*Agronomy* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/agronomy](http://mdpi.com/journal/agronomy)  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)  
[X@Agronomy\\_Mdpi](https://twitter.com/Agronomy_Mdpi)