

## Special Issue

# Systemic Signaling during Abiotic Stress in Plants

### Message from the Guest Editor

In the presence of extreme environmental conditions, such as heat, salinity, and a decrease in water availability, plants can suffer a devastating impact on their growth and productivity, with the possibility that entire ecosystems could collapse. Systemic signaling and systemic acquired acclimation (SAA) are essential to the survival of plants during abiotic stress episodes. Microorganisms, the most common inhabitants of diverse environments, are capable of mitigating abiotic stress through their metabolic capabilities. It is well known that plants–microbe interactions involve a number of complex mechanisms within the plant's cellular system. Research in the field of biochemistry, molecular biology, and physiology is paving the way for a better understanding of the complex yet integrated functions of the cells. This Special Issue of *Plants* will highlight “Systemic Signaling during Abiotic Stress in Plants” and discuss current knowledge on the role of microbe-mediated mitigation under abiotic stress.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2023)



## Plants

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### 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, 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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