

## Special Issue

# Recent Research in Plant Abiotic Stress

### Message from the Guest Editor

The effects of environmental changes are one of the most interesting research topics in plant science. Abiotic stresses such as drought, high temperatures, salinity, air and soil pollution or mineral deficiency widely influence plant development and crop productivity. These changes induce an increase in free radicals, or reactive chemical species that can cause cell damage. The responses to these changes involve morpho-anatomical, structural, molecular, biochemical and physiological mechanisms, which allow plants to overcome or adapt to stress conditions. However, the extent to which these changes occur and the pathways involved in plant acclimation remain unknown because the results are sometimes controversial. This Special Issue will accept full or short reviews and research articles from a broad range of interdisciplinary research on plant and crop responses to abiotic stress, ranging from molecular to morpho-anatomical responses, including novel signal transduction molecules and pathways involved during plant acclimation.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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