

Special Issue

Omics Approaches to Unravel Plant Responses to Habitat Stresses

Message from the Guest Editor

We are pleased to announce a Special Issue on “Omics Approaches to Unravel Plant Responses to Habitat Stresses” in the *International Journal of Molecular Sciences*. Exacerbated by climate change, plants must cope with a multitude of stresses. These encompass biotic stresses, such as herbivores and pathogens, and abiotic stresses, including drought, salinity, heat, flooding, and nutrient deficiencies. This Special Issue aims to explore the complex and often overlapping plant responses to biotic and abiotic stresses, employing high-throughput omics technologies, including transcriptomics, proteomics, genomics, metabolomics, phenomics, ionomics, and their integrations (multi-omics). We welcome original research articles, reviews, and perspectives that address the following topics:

- Omics-based approaches to explore plant responses to individual or combined stresses.
- Omics-based approaches to unravel crosstalk between various plant stress responses.
- Emerging omics technologies for the study of plant stress responses.
- Omics-informed translational research to improve crop resistance to biotic and/or abiotic stresses.

Guest Editor

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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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