

# Special Issue

## New Insights into Plant Stress

### Message from the Guest Editors

Environmental stressors, including abiotic and biotic factors, can negatively affect plant growth and productivity. In recent years, our understanding of plant stress responses has significantly improved due to the advent of gold-standard plant molecular and biotechnological techniques. The emergence of omics, bioinformatics, and AI tools has also facilitated the discovery of new molecular insights as regards plant tolerance to various abiotic and biotic stress mechanisms. To foster a widespread interest in plant stress biology/physiology, this Special Issue of *IJMS* will present an overview of the latest findings in the field. We invite plant scientists to share their significant research contributions with the community. We welcome all types of submissions, including original research, reviews, perspectives, and opinion articles. The topics of interest are not limited and can include any relevant research within this area.

---

### Guest Editors

Dr. Pandiyan Muthuramalingam

Dr. Subramani Pandian

Dr. Hyunsuk Shin

---

### Deadline for manuscript submissions

20 August 2026



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/222262](https://mdpi.com/si/222262)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)



## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

---

### Editor-in-Chief

Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### 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), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)