

## Special Issue

# Plant Resilience: Insights into Abiotic and Biotic Stress Adaptations

### Message from the Guest Editor

Plants, as a source of food, fuel, and oxygen, are the basis of life on Earth. As sessile organisms, plants have to endure a wide variety of environmental stresses during their entire lifecycle. To cope with this, they have developed complex responses to abiotic and biotic stresses, which involve multiple interactions between hormones and other signaling molecules. In the acclimatization and cultivation process of the plant, the morphological, physiological, metabolic, and molecular levels have been changed to adapt to different stresses. Understanding the molecular mechanism of stress biology for plants is of great importance for growth and development.

---

### Guest Editor

Dr. Xujun Zhu

Tea Science Institute, College of Horticulture, Nanjing Agricultural University, Nanjing 210095, China

---

### Deadline for manuscript submissions

closed (20 March 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/221241](https://mdpi.com/si/221241)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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)