

Special Issue

Recent Advances in Epigenetics in Plant Research

Message from the Guest Editors

Epigenetics plays a significant role in plant research and has revolutionized our understanding of how plants develop, respond to environmental cues, and evolve over time. Epigenetics refers to heritable changes in gene expression that do not involve alterations to the underlying DNA sequence. Researchers continue to uncover the intricate mechanisms underlying epigenetic regulation in plants, and this knowledge has the potential to enhance our ability to manipulate and manage plant species for agricultural. In this Special Issue, we welcome original research or review articles related to all aspect of epigenetics, including DNA methylation, RNA modification, histone modification, small RNAs, and environmental responses etc.

Guest Editors

Prof. Dr. Hai Du

College of Agronomy and Biotechnology, Southwest University, Chongqing 400716, China

Prof. Dr. Zhe Liang

Biotechnology Research Institute, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Deadline for manuscript submissions

closed (20 June 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/187023

*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)