

## Special Issue

# Molecular Research in Bamboo, Tree, Grass, and Other Forest Products—2nd Edition

### Message from the Guest Editor

In the era of rapid environmental changes and sustainable development, the importance of forest products, including bamboo, trees, and grass, has never been more evident. These versatile resources are crucial in supporting future societies, from providing renewable materials to enhancing ecological diversity. They are key players in the global effort towards sustainability, offering solutions that are both innovative and eco-friendly. We are inviting the submission of original research articles, reviews, and case studies focusing on the molecular aspects of bamboo, trees, grass, and other forest products. We seek contributions that explore the genetic, biochemical, and molecular bases of their growth, development, and responses to environmental stress. Areas of interest include, but are not limited to, the following:

- The molecular biology and genetics of bamboo, trees, grass, and other forest plants;
- Sustainable cultivation practices and their molecular impacts;
- The utilization of forest products for eco-friendly materials and energy;
- Biochemical pathways involved in the production of valuable compounds;
- Stress resistance and adaptation mechanisms at the molecular level.

---

### Guest Editor

Dr. Huayu Sun

1. Institute of Gene Science and Industrialization for Bamboo and Rattan Resources, International Centre for Bamboo and Rattan, Beijing, China
2. Department of Plant Science and Landscape Architecture, University of Connecticut, Storrs, CT, USA

---

### Deadline for manuscript submissions

31 August 2026



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.6  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/270647](https://mdpi.com/si/270647)

*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 5.6  
CiteScore 10.0  
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 (Inorganic Chemistry)