

Special Issue

Recent Advances in Soybean Molecular Breeding

Message from the Guest Editor

Soybean, an economically relevant legume crop, is widely cultivated due to its edible oil and protein content. In recent years, researchers have endeavored to increase the yield of soybean under various growth conditions. This Special Issue, entitled “Recent Advances in Soybean Molecular Breeding”, aims to promote strategies that enhance the yield of soybean in response to the growth of the global population and changing climatic conditions. We therefore welcome contributions that address the following topics: Altering plant architecture to improve yield performance; Improving varieties to expand cultivation areas; Enhancing nutritional quality; Increasing tolerance to stress; Genetic engineering for soybean improvement. This Special Issue aims to highlight recent breakthroughs and innovative methods related to the breeding and genetics of soybean.

Guest Editor

Dr. Dong Cao

Oil Crops Research Institute, Chinese Academy of Agriculture Sciences, Wuhan 430062, China

Deadline for manuscript submissions

30 November 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/227851

*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*, 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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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