



*plants*



an Open Access Journal by MDPI

## Role of Auxin in Plant Growth and Development

Guest Editor:

**Prof. Dr. Tongda Xu**

FAFU-UCR Joint Center for  
Horticultural Biology and  
Metabolomics, Institute of  
Science and Technology, Fujian  
Agriculture and Forestry  
University, Fuzhou, China

### Message from the Guest Editor

Auxin is considered one of the most important plant hormones and has attracted intense research interest in recent decades. Auxin metabolism and signal transduction are implicated in wide-ranging aspects of plant development and responses to environmental cues.

Deadline for manuscript  
submissions:

**31 December 2024**



[mdpi.com/si/143164](https://mdpi.com/si/143164)

# Special Issue



# plants



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Dilantha Fernando**

Department of Plant Science,  
University of Manitoba, Winnipeg,  
MB R3T 2N2, Canada

## Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

## 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, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Plant Sciences*) / CiteScore - Q1 (*Plant Science*)

## Contact Us

---

*Plants* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/plants](http://mdpi.com/journal/plants)  
[plants@mdpi.com](mailto:plants@mdpi.com)  
[X@Plants\\_MDPI](https://twitter.com/Plants_MDPI)