

Special Issue

Advances in Plant Genetics and Breeding Improvement

Message from the Guest Editor

In recent years, significant progress has been made in the field of plant genetics and breeding, which has greatly promoted agricultural production and crop improvement. These advances provide strong support for meeting the world's growing food demand and promoting sustainable agricultural development, showing broad prospects in the field of plant genetics and breeding improvement. The present Topic aims to create a representative and updated collection of research articles and reviews regarding plant genetics and breeding improvement. Submissions may encompass a spectrum of topics, including but not limited to genomic technology, marker-assisted selection, genetic engineering and plant breeding.

Guest Editor

Prof. Dr. Jiaquan Huang

College of Tropical Agriculture and Forestry, Hainan University, Sanya, Hainan

Deadline for manuscript submissions

closed (30 June 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/221800

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



About the Journal

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, and 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.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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 (Ecology, Evolution, Behavior and Systematics)