

Special Issue

Recent Advances in Horticultural Plant Genomics

Message from the Guest Editors

With the development of sequencing technologies and the reduction of sequencing costs, more and more plant genomes have been sequenced and many results have been obtained, especially with the advent and applications of second- and third-generation sequencing technologies and Hi-C technologies, which have made sequencing a reality in many complex plant genomes. Genomic research tools are widely used in horticultural plants such as fruit trees, vegetables, flowers, tea plants and Chinese herbs for molecular breeding and analysis of growth and development patterns, providing a new perspective on horticultural plant research, which would assist greater understanding of the evolutionary histories of plant species and provide genomic resources for molecular studies on the economically important traits of horticultural plants.

Guest Editors

Prof. Dr. Zhongxiong Lai
Prof. Dr. Yuling Lin
Prof. Dr. Yuqiong Guo

Deadline for manuscript submissions

closed (30 September 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/161424

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, 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)