

Special Issue

Plant Genetic Engineering and Biotechnology

Message from the Guest Editors

In the past few decades, genetic engineering and biotechnology have been widely used in the field of plants to improve nutritional quality, increase production, improve genetic characteristics, carry out important trait gene screening, and reduce biological and abiotic stress; transgenic plants can even be used as a biological reactor, producing organic compounds, drug proteins, plant secondary metabolites, and so on. This Special Issue of *Plants* aims to analyze economic crop genomics and biotechnology research, focusing on research on the establishment of new plant expression systems, exploration of genetic transformation methods, gene cloning, the regularity of gene expression in plants, and important economic crop genetic engineering improvement and research achievements. We welcome all research articles and review articles covering the above subject to submit in this special issue.

Guest Editors

Prof. Dr. Zanmin Hu

Dr. Han Xiao

Dr. Yi Ren

Dr. Chengming Fan

Deadline for manuscript submissions

closed (20 September 2023)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/131193

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)