

Special Issue

Molecular Biology of Ornamental Plants

Message from the Guest Editors

As is well known, relative to model plants, ornamental plants have many special characteristics. However, current regulatory models are mainly based on model plants. With the development of sequencing technology and omics tools, we can apply high-throughput sequencing and other omics methods to discover core regulatory networks and genes related to specific ornamental traits. These advances can provide assistance and candidate excellent genes for directional breeding. On the other hand, classical molecular biology methods have also been used to discover the regulatory mechanism of ornamental traits. This will also enrich our understanding of the development mechanism of plant specific organs. Based on these, we have decided to launch this Special Issue on “Molecular Biology of Ornamental Plants”.

Guest Editors

Prof. Dr. Aiping Song

State Key Laboratory of Crop Genetics and Germplasm Enhancement, Key Laboratory of Landscaping, Ministry of Agriculture and Rural Affairs, College of Horticulture, Nanjing Agricultural University, Nanjing 210095, China

Dr. Yu Chen

College of Agro-Grassland Science, Nanjing Agricultural University, Nanjing 210095, China

Deadline for manuscript submissions

closed (30 June 2023)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/95616

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)