



plants



an Open Access Journal by MDPI

Molecular Biology of Ornamental Plants

Guest Editors:

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)

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”.



mdpi.com/si/95616

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

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)