

Special Issue

Molecular Regulatory Networks of Plant Flowering and Reproductive Development

Message from the Guest Editors

This Special Issue focuses on the molecular regulatory mechanisms underlying plant flowering time, floral organ development, reproductive organ formation, and developmental plasticity. It encompasses the entire regulatory cascade—from environmental sensing to transcriptional, epigenetic, and post-transcriptional networks. **Key Topics Include:**

- Photoperiodic & vernalization responses
- Phytohormone signaling & stress-mediated regulation
- Molecular functions & trafficking of florigen proteins
- Epigenetic modifications & post-transcriptional regulation
- Mechanisms of the Mediator and other transcriptional complexes

We warmly welcome original research papers, reviews, and short communications. Join us to enrich the theoretical framework of plant development and drive advancements in molecular design breeding and high-yield crop improvement!

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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

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