

# Special Issue

## Regulation of Flowering and Development in Ornamental Plants

### Message from the Guest Editors

The regulation of flowering and development in ornamental plants is shaping plants' architecture, aesthetic quality, and adaptability to diverse environments. Flower initiation, floral induction, organogenesis, pigment biosynthesis, and senescence are tightly controlled by hormonal pathways and molecular signaling networks, and these processes are further influenced by environmental cues such as light, and water availability. This Special Issue will highlight recent advances in understanding how internal and external factors coordinate to regulate flowering and developmental traits in ornamental species. We particularly welcome studies on hormonal regulation, the transcriptional, molecular, and physiological control of floral development, and the integration of environmental stress signals into developmental timing. We also welcome genomics, transcriptomics, and gene-editing approaches that contribute to improving flowering time, plant architecture, and ornamental quality. We invite the submission of original research articles, reviews, and communications that provide novel insights into the regulatory basis of flowering and development.

### Guest Editors

Dr. Jae Hwan Lee  
Prof. Dr. Yoon-Jung Hwang  
Prof. Dr. Ki-Byung Lim

### Deadline for manuscript submissions

15 November 2026



## Horticulturae

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### Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
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