

Special Issue

Control of Flowering Time and Their Environmental Regulation in Crops

Message from the Guest Editors

Flowering time is considered as one of the crucial agronomic traits that is strictly controlled by both endogenous programs and environmental signals. Altering the seasonal timing of reproduction to produce novel varieties that can adapt to local, marginal, or future environments has been a key focus of plant breeding efforts. The important regulators of floral transition have been extensively studied in model species, e.g., *Arabidopsis thaliana*. Moreover, there have been rapid advances in applying this knowledge to a wide range of important crop species. This knowledge is further being used for targeted genetic modification to improve breeding efficiency in crops. Therefore, in this Special Issue on “Control of Flowering Time and Their Environmental Regulation in Crops”, we invite original research articles as well as reviews on the molecular mechanisms involved in controlling flowering time and environmental regulation of flowering in crop plants.

Guest Editors

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Dr. Megan House

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Deadline for manuscript submissions

closed (20 January 2023)



Plants

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Impact Factor 4.1
CiteScore 7.6
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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, 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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