

Special Issue

Circadian Rhythm Regulation of Growth and Development in Horticultural Plants

Message from the Guest Editors

The circadian clock is a molecular timing device repeatedly characterized to regulate various physiological and developmental processes with an endogenous rhythm. Conceptually, a circadian system can be divided into three parts: the central oscillator that generates the diurnal rhythms, input pathways showing that the indicated oscillators are entrained by signals from the environment cues such as light and output pathways that convey circadian rhythms to diverse physiological and molecular processes. Over the years, circadian clock oscillators have been focused on playing pivotal roles in regulating various aspects of horticultural plant growth and development, ranging from seed germination to fruit ripening. The purpose of this Special Issue, “Circadian Rhythm Regulation of Growth and Development in Horticultural Plants”, is to present a comprehensive platform for researchers, scientists, and practitioners worldwide to explore how the circadian clock regulates the growth period and development of horticultural plants, including fruit, vegetable, and ornamental species.

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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.

Editor-in-Chief

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