

Special Issue

Flowering Time Regulation: Implications for Plant Adaptation and Yield Improvement

Message from the Guest Editor

Climate change, diminishing arable land, and limited access to agrochemicals pose significant challenges to sustainably feeding the expanding global population. Addressing these challenges necessitates strategies that enhance crop productivity per unit area, improve crop adaptability to changing environments, and explore the viability of introducing crops to new regions. The timing of the transition from vegetative to reproductive stages plays a pivotal role not only in seed production and crop yield, but also in mitigating biotic and abiotic stresses. Consequently, understanding the intricate mechanisms regulating flowering time is imperative in addressing mounting concerns regarding future food availability. This Special Issue seeks original research and review articles that investigate the molecular and chemical aspects of flowering time regulation. Additionally, we encourage submissions exploring the impact of flowering time on crop yield and adaptation and its potential implications for breeding across various species and under both biotic and abiotic stress conditions.

Guest Editor

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