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Regulation of Flowering in Temperate Cereals

Guest Editor:

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Message from the Guest Editor

Dear colleagues,

Regulation of flowering is vital to reproductive success in plants and has a major impact on grain yield in crop species. Flowering-time variation in temperate cereals is wide and considered a key factor for their global prevalence and importance. Three different signaling pathways control flowering-time genes in wheat and barley: Vernalization (Vrn), photoperiod (Ppd), and earliness per se (Eps).

This Special Issue will highlight recent advances in our understanding of the gene-network regulating flowering-time temperate cereals. Particular emphasis will be given to the genetic and epigenetic mechanisms that influence flowering-time in response to abiotic stresses. We welcome the submission of reviews, perspectives, short communications, and research articles.

Dr. Assaf Distelfeld

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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