

Special Issue

Regulation of Flowering in Temperate Cereals

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.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2019)

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Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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