Special Issue

Genetics and Epigenetics of Plant Development and Their Involvement in Crop Improvement

Message from the Guest Editor

The ample number of sequenced plant genomes and availability of genomic information are accelerating crop breeding through the characterization of genes that underline important agronomic traits and better genotype-to-phenotype association. Simultaneously, the characterization of genetic variability that exists in gene banks as well as high-throughput phenotyping are aiding today's crop improvement programs. Furthermore, the epigenetic variations implicated in the control of plant development are important for breeding. The aim and scope of this Special Issue is to collect original papers, reviews, and short communications that report novel findings related to the exploration and characterization of genetics and epigenetics advances, and their utilization in breeding for more climate-smart crop cultivars for sustainable production. Our goal is to collect the most recent advances in this field and compile a valuable collection of papers that will pave the way to the control of plant development and performance.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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