Special Issue

Plant Genomics and Epigenomics in Breeding for Yield, Quality, and Sustainability

Message from the Guest Editor

Plant genomics is a continuously evolving and expanding area of plant science research. Assisted by advanced new technologies, DNA sequencing, and characterization of plant genomes have never been more complete. Moreover, epigenomics covers an exciting research field revolving around epigenetic changes, such as DNA methylation and small RNAs, across plant genomes. All this new knowledge is extremely valuable for modern plant breeding in dissecting complex plant characters related to yield, quality, and eventually adaptation, thus facilitating breeders' work and efficiency. Integration of genomic information in modern breeding programs will aid the development of new cultivars that fit in sustainable agriculture. This Special Issue aims to collect original papers, reviews, and short communications that report novel findings related to the discovery, exploration, characterization, and utilization of genomics and epigenomics resources in crop breeding projects. Our goal is to collect the most recent advances in this field and compile a valuable collection of papers.

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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