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Genomic Studies of Plant Breeding

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Deadline for manuscript
submissions:

closed (15 November 2024)

Message from the Guest Editor

Dear Colleagues,

Plant breeding has been systematically evolving from art to science with the advent and development of genetics and genomics, for many complex traits such as yield are controlled by many genes or quantitative trait loci (QTL), each with relatively small effects, interacting with environments.

The recent development and application of genomics has shifted the research focus from individual genes to networks of genes with a common function. This has deepened our knowledge of the underlying genetic and biochemical bases of complex agronomic traits in plants. Furthermore, new breeding techniques (e.g., genomic selection) provide exciting opportunities for efficient and accurate plant breeding of the next generation.

This Special Issue, entitled 'Genomic Studies of Plant Breeding', welcomes original research articles and reviews discussing the latest advances related to genomics and genetic improvement of plants.



mdpi.com/si/160865

Special Issue



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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?

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