

Special Issue

Genomic Studies of Plant Breeding

Message from the Guest Editor

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.

Guest Editor

Dr. Yan Zhao

1. College of Agronomy, Shandong Agricultural University, Tai'an 271018, China
2. State Key Laboratory of Wheat Improvement, Shandong Agricultural University, Tai'an 271018, China

Deadline for manuscript submissions

closed (15 November 2024)

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CiteScore 5.5
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Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

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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

Prof. Dr. Selvarangan Ponnazhagan
Experimental Cancer Therapeutics, The University of Alabama at
Birmingham, 1825 University Blvd., SHEL 814, Birmingham, AL 35294-
2182, USA

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