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Advances in Rice Genetics and Breeding

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Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editor

Rice is one of the important crops in the world as the main staple food for more than half of the world's population. Recently, a lot of progress were archived in rice genetic research especially with accumulation of genomic data. The benefit of the accumulated knowledge from the genomic study will accelerate the rate of genetic gain through applying modern breeding approaches assisted by genomic database. Innovative breeding strategies with various tools such as genomics molecular biology have begun to emerge in rice breeding program to boost rice breeding efficiency.

This Special Issue is a collection of articles presenting novel and international research in rice genetics, breeding, and genomics including transcriptomics and proteomics. Manuscripts on the following topics will be considered for publication and are encouraged: GWAS, developing and evaluation of rice lines, MAS and related strategies applied in rice breeding, developing genetic markers for agronomic traits, evaluating various traits and genetic structure with rice germplasm, and biotechnology for creating variation on agronomic traits.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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