

Special Issue

Genetics Improvement and Breeding of Rice

Message from the Guest Editor

Rice is one of the most important cereal crops and the staple food of over half of the world's population, especially in Asian countries. Due to its small genome and simple genetic transformation, rice is considered an ideal model crop. In order to promote academic exchange on the latest trends and achievements in rice molecular breeding and germplasm improvement, this Special Issue will focus on rice genetic improvement and breeding, promote collaborative exploration of the latest research trends and directions, and seek opportunities for cooperation in this field. We welcome all original research papers and comments for submission to this Special Issue. The contributions of this Special Issue may include but are not limited to, the exploration of new genes for rice molecular breeding and germplasm innovation. Particularly popular topics include the cloning and functional research of rice genes, such as gene cloning, gene editing, whole-genome association analysis, and the identification of significant alleles, as well as the innovative progress of high-yield, high-quality, multi-resistant, safe, and efficient new rice germplasm.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2024)

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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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