



Rice Breeding and Genetics

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Message from the Guest Editors

Dear Colleagues,

Around 30% of the global calorie demand is satisfied through rice consumption. More than half of the population depends on rice production for food security. There is a need to develop rice varieties that are acceptable to farmers and consumers by pyramiding high-value genes/QTLs in rice. The characterization and application of useful traits, such as stress resistance, yield potential and quality improvement, and food processing to rice breeding are the priority topics of this issue. The variations in functional single-nucleotide polymorphisms in these traits should be further assessed in the field as well as in the laboratory. By employing promising molecular nucleotide variations in rice breeding systems, the rice yield and quality improvement would be more precisely estimated. Genetic analyses using the precise genotypic and phenotypic information collected from the carefully developed rice breeding populations and genetic collections are welcomed.





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Message from the Editor-in-Chief

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