Special Issue

Breeding, Genetics, and Genomics of Rice

Message from the Guest Editor

Breeding practices of modern rice agriculture are critical in satisfying the increasing number of consumer demands for a high grain quality, a primary challenge due to the complex quality traits controlled by polygenes or quantitative trait loci. Therefore, a deeper understanding is of crucial importance to uncover how to identify and map the genomic regions for quality traits, with the aim of breeding new high-quality rice varieties. This Special Issue regarding the basic mechanism of rice quality focuses on decoding the genetic basis of the grain quality of rice, including milling, physical appearance, eating and cooking, sensory and nutritional value parameters, etc. We welcome all types of articles, such as original research, opinions, and reviews, covering a broad range of gene identification, QTL mapping, marker development and gene cloning.

Guest Editor

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