

Special Issue

Rice Genetics and Molecular Design Breeding

Message from the Guest Editors

Rice is an important staple crop in the world and also a model plant of monocotyledons. Identifying, mining and modifying the regulatory genes and their elite alleles of important agronomic traits, including plant type, yield, quality, resistance and nutrient efficiency, and exploring the corresponding molecular regulation mechanism, will be conducive to enriching the genetic regulation network and carrying out molecular design breeding. Especially in recent years, the gene editing technology has brought convenience to rice biological breeding and greatly reduced the cycle of rice variety improvement. This special issue of *Plants* will focus on the genetic analysis, physiological and biochemical, molecular assisted selection and biological breeding of important trait regulatory genes or alleles in rice.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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