

Special Issue

Rice Genetics and Breeding

Message from the Guest Editor

Rice is one of the model plants of Poaceae and is also a staple food for about half of the world's population. Among yield-associated traits, the thousand-grain weight is mainly determined by grain size, which includes grain length, grain width, and grain thickness. Moreover, grain size also plays an important role in affecting appearance quality. Therefore, identifying novel regulatory genes or alleles for grain size and carrying out corresponding molecular mechanism analyses will enrich the genetic regulation grain size network and will provide the theoretical and material basis for breeding new varieties with both high yield and quality. This Special Issue of *Plants* will focus on the identification of novel grain size genes or alleles, the underlying mechanism of grain development, and their role in interactions with other growth regulators. Reviews and research papers on these topics are welcome.

Guest Editor

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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, 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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