

## Special Issue

# Rice Gene Discovery and Genetic Breeding

### Message from the Guest Editor

The discovery of rice genes and genetic breeding has played a pivotal role in boosting yields, enhancing quality, and increasing stress resistance. With continuous advancements in biotechnology, scientists are now better equipped to decode rice's genetic code, enabling targeted gene editing and genetic improvement efforts. In recent years, the discovery of rice genes and genetic breeding has led to the establishment of several collaborative platforms. These platforms facilitate the sharing of genetic data, phenotypes, and breeding methods, thereby enhancing the comprehensive understanding of rice genetics and breeding. This Special Issue covers a wide range of topics, including, but not limited to, the latest advancements in rice gene discovery techniques, the application of high-throughput sequencing in identifying functional genes, the development of novel markers for marker-assisted selection, and case studies demonstrating the successful implementation of these genetic breeding strategies in real-world scenarios. We invite researchers to contribute original articles, review article, case reports, etc.

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### Guest Editor

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### Deadline for manuscript submissions

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## Agronomy

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### Editor-in-Chief

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