



Study of Targeted Genome Editing for Crop Improvement

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Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

With rapid advances in genome editing systems, and ongoing research on plant functional genomics and genome editing techniques, crop improvement and breeding has entered the new era—"Precision breeding". The precision genome editing systems, such as CRISPR/Cas and its derived system (base editing and prime editing), have become an important tool in the hands of breeders to get the desirable trait or new varieties.

In this Special Issue, we welcome research papers and reviews describe the targets, effects, and improvements of targeted crop genome editing for crop improvement. We encourage reports about novel editing methods and target sites for improving disease resistance, abiotic stress tolerance, yield and nutrition utilization efficiency in crops. In particular, developing and migrating novel genome editing systems to crops are highly appreciated in this Special Issue.

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Message from the Editor-in-Chief

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