



Crop Genetics and Breeding

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Deadline for manuscript
submissions:

closed (30 May 2025)

Message from the Guest Editors

As an enduring and thriving academic discipline worldwide, crop genetics and breeding play crucial roles in agricultural development, contributing to the improvement of crop varieties with desirable traits such as higher yield and/or quality, resistance to biotic and abiotic stresses, tolerance to environmental stress, adaptability to climate change, enhanced nutritional content, etc. Great advances have been made in both theoretical and applied research fields of crop genetics and breeding and its linkages with related disciplines, attributing to advancements in genomics, biotechnology, molecular biology, population genetics, multi-omics, bioinformatics, etc., which have opened new interdisciplinary areas of plant genetics and breeding. We welcome submissions of different types of manuscripts, including original research papers, reviews and methods, encompassing, but not limited to:

Genetic Diversity;

Gene Discovery;

Marker-Assisted Selection (MAS);

Genome Editing;

Quantitative Genetics;

Hybridization and Crossbreeding;

Genetic Modification;

Phenotypic Selection;

Data-Driven Breeding





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Message from the Editor-in-Chief

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