

Special Issue

Crop Genetics and Breeding

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;

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2025)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/191265

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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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