

Special Issue

Genetic Research and Breeding of *Triticeae* Crops

Message from the Guest Editor

This Special Issue provides a thorough platform for scholars and breeders to exhibit their latest advances, novel ideas, and perceptions pertaining to the genetics and breeding of Triticeae crops. Genomic Approaches: Using high-throughput genotyping and sequencing technologies for various purposes such as GWAS, genomic selection, comparative genomics, and evolutionary studies. Functional genomics: Functional characterization of genes related to agronomic traits through gene expression and transcriptomics, and identifying key regulatory elements that influence crop traits. Breeding strategies for resistance to abiotic and biotic stresses: Development of novel cultivars with improved tolerance to abiotic stresses. Breeding for pest and disease resistance and integration of multiple stress resistance traits into a single cultivar. Genetic enhancement for improved nutritional value: Breeding for improved processing and end-use qualities, and developing new cultivars with superior sensory attributes. Climate-resilient varieties: Breeding strategies to adapt Triticeae crops to changing climatic conditions by identifying climate-resilient genetic resources.

Guest Editor

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Deadline for manuscript submissions

closed (10 June 2024)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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