



an Open Access Journal by MDPI

Tools and Resources for Wheat Molecular Breeding

Guest Editors:

Dr. Awais Rasheed

 International Maize and Wheat Improvement Center (CIMMYT), Beijing 100081, China
Department of Plant Sciences, Quaid-i-Azam University, Islamabad 45320, Pakistan

Prof. Dr. Zhonghu He

 Institute of Crop Science/National Wheat Improvement Center, Chinese Academy of Agricultural Sciences, Beijing 100081, China
International Maize and Wheat Improvement Center (CIMMYT), Beijing 100081, China

Message from the Guest Editors

Wheat genome was sequenced in 2018 by the International Wheat Genome Sequencing Consortium (IWGSC); since then there has been an unprecedented increase in gene discovery, genomic resources and the deployment of wheat genomics knowledge in applied breeding. New breeding strategies, the characterization of new genetic resources, marker-assisted gene introgressions, genomic selection and mutant characterization will likely improve wheats for yield, disease resistance and resilience to climate extremes.

This Special Issue on "Tools and Resources for Wheat Molecular Breeding" is focused on publishing high-quality manuscripts in the form of review and research articles on different aspects of wheat molecular breeding.

Deadline for manuscript submissions: closed (20 April 2024)



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

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 community.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/plants plants@mdpi.com X@Plants_MDPl