





an Open Access Journal by MDPI

Advances in Wheat Molecular Genetics and Genomics

Guest Editors:

Dr. Quan Xie

State Key Laboratory of Crop Genetics and Germplasm Enhancement, College of Agriculture, Nanjing Agricultural University, Nanjing 210095, China

Prof. Dr. Jian Ma

State Key Laboratory of Crop Gene Exploration and Utilization in Southwest China, Triticeae Research Institute, Sichuan Agricultural University, Chengdu 611130, China

Dr. Shisheng Chen

Institute of Advanced Agricultural Sciences, Peking University, Weifang, China

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue welcomes original research papers and review articles on recent achievements in any aspect of wheat molecular genetics and genomics, with emphasis on the broad areas of yield and quality improvement, ideal plant architecture, resistance to biotic and abiotic stresses, germplasm exploitation and evolution, genome structure and sequencing in Triticeae, and molecular breeding technologies.

Keywords

- wheat
- genetics
- genomics
- grain yield
- end-use quality
- plant architecture
- stress resistance
- germplasm
- genome sequencing
- molecular breeding











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and Wine, University of Adelaide, Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors

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), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us