



an Open Access Journal by MDPI

Functional Analysis of Important Agronomic Trait Genes in Wheat

Guest Editors:

Dr. Shuaifeng Geng

National Key Facility for Crop Gene Resources and Genetic Improvement, Institute of Crop Science, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Prof. Dr. Xinyou Cao

Crop Research Institute, Shandong Academy of Agricultural Sciences, Jinan 250100, China

Deadline for manuscript submissions:

31 August 2024

Message from the Guest Editors

Dear Colleagues,

Wheat (*Triticum aestivum*) is the most important staple crop for more than 35% of the world's population. Exploiting the important agronomic trait genes and functions of genes could create opportunities to improve wheat products for safeguarding food security. In addition, the study of wheat important agronomic trait genes has given us important insights into the control of wheat yield and quality and had a significant positive impact on the improvement in yield and quality in wheat. This Special Issue of *Plants* aims to highlight the function of important agronomic trait genes in wheats and their role in the interactions of wheat with the environment.









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 (Plant Science)

Contact Us

Plants Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/plants plants@mdpi.com X@Plants_MDPl