



plants



an Open Access Journal by MDPI

Genomic Breeding of Green Crops

Guest Editors:

Prof. Dr. Sibin Yu

College of Plant Science and
Technology, Huazhong
Agricultural University, Wuhan
430070, China

Prof. Dr. Fazhan Qiu

College of Plant Science and
Technology, National Key
Laboratory of Crop Genetic
Improvement, Huazhong
Agricultural University, Wuhan
430070, China

Dr. Caixia Lan

College of Plant Science and
Technology, Huazhong
Agricultural University, Wuhan
430070, China

Message from the Guest Editors

This Special Issue will focus on the genetic improvement of cereal crops such as rice, maize and wheat by genomic breeding and a gene-specific selection system. We mostly welcome related topics (original research papers, perspectives, and reviews) covering the genes/QTLs for yield, grain quality, grain nutrition, resource use efficiency, resistance to biotic/abiotic stresses, genome editing, genetic transformation, gene chip and molecular marker-aided selection, as well as speed breeding approaches in staple food crops.

Deadline for manuscript
submissions:

closed (30 April 2022)



mdpi.com/si/84119

Special Issue



plants



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 commentaries on topics of interest to the plant research 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_MDPI](https://twitter.com/Plants_MDPI)