



Marker Assisted Selection and Molecular Breeding in Major Crops

Guest Editor:

Dr. Shikai Hu

China National Rice
Improvement Centre, China
National Rice Research Institute,
Hangzhou 310006, China

Deadline for manuscript
submissions:

15 September 2024

Message from the Guest Editor

Dear Colleagues,

With the rapid increase in the population and the deterioration of the environment, we are faced with an increasingly serious food crisis. An effective way to alleviate the food crisis is to cultivate high-yield, high-quality, and wide-adaptability crop varieties faster. In recent years, with the development of molecular biology technology, molecular markers have undergone many updates. The application of molecular markers has greatly improved the breeding selection efficiency, shortened the breeding cycle, and made the breeding leap from the experience breeding to molecular breeding eras.

In this Special Issue, we will focus on advances in the molecular breeding of major crops, such as food, oil, and economic crops. All the original research, opinions, methodological papers, and reviews on Marker-assisted Selection and Molecular Breeding are welcome.

Dr. Shikai Hu

Guest Editor





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

Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)