



plants



an Open Access Journal by MDPI

Genomic Dissection in Soybean

Guest Editors:

Dr. Bingjun Jiang

Chinese Academy of Agricultural Sciences, Beijing, China

Dr. Man-Wah Li

Department of Molecular, Cellular and Developmental Biology, Yale University, New Haven, CT 06511, USA

Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editors

Soybean (*Glycine max* (L.) Merr.) is a widely cultivated crop of global economic and ecological significance due to its high dietary oil and protein content as well as its ability to fix atmospheric nitrogen into biologically available forms. With these characteristics, soybean plays important roles in sustainable agriculture and plant-based diets. Soybean has been domesticated for thousands of years to satisfy our demand. However, further improvement of soybean production is stymied by the lack of thorough understanding of the soybean genome. With the advance in high-throughput sequencing technologies, dozens of soybean reference genomes and tons of soybean sequence data have been released. Diving into these data creates new knowledge, potentially beneficial to soybean breeding and improvement. Furthermore, genome information is also laying a foundation for precision genome editing, bringing a new era of soybean molecular breeding. This Special Issue of *Plants* will highlight genomic research of soybean, the dissection of the genomic basis of important soybean traits, and gene–gene and gene–environment interactions of soybean.



mdpi.com/si/102572

Special *issue*



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)