Cotton Breeding, Genetics and Genomics

Guest Editor:

Dr. Qian-Hao Zhu
CSIRO Agriculture and Food,
Canberra, ACT 2601, Australia

Deadline for manuscript submissions:
closed (28 February 2019)

Message from the Guest Editor

Dear Colleagues,

Releasing of the *Gossypium raimondii* and *G. hirsutum* genome sequences provided valuable genomic resources for the most important cash crop—cotton. Together with the next-generation sequencing and high-throughput genotyping technologies, these genomic resources have dramatically changed the way we do science in cotton, significantly promoted researches on cotton molecular genetics and functional genomics, and increased our knowledge and understanding of cotton biology. A combinational approach using multiple omics platforms and integration of their outcomes provide tools for improving the productivity of cotton through molecular breeding, such as marker-assisted selection and genomic selection.

This Special Issue would publish reviews and original research articles on the topics related to but not limited to cotton genetic analysis, transcriptomics, comparative genomics, functional genomics and molecular breeding with aims to facilitate communication among cotton scientists working on breeding, genetics and genomics and to enhance implementation of findings of genetics and genomics in breeding practices.

Dr. Qian-Hao Zhu
Guest Editor

Special Issue

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