



Cotton Breeding, Genetics and Genomics

Guest Editor:

Dr. Qian-Hao Zhu

Commonwealth Scientific and
Industrial Research Organization,
Agriculture and Food, GPO Box
1700, Canberra, ACT 2601,
Australia

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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





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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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