

Special Issue

Genetic Dissection and Improvement of Crop Traits

Message from the Guest Editors

With the advancements of various biotechnology tools, great breakthroughs in the dissection of crop traits are expected in the next few years. The publicly available functional markers and genes further boost the prediction and improvement of crop traits. This Special Issue aims to provide a platform for crop researchers to discuss the progress of crop dissection and improvement, and to share their interesting research stories on a wide spectrum of cutting-edge research topics, which include but are not limited to: Genetic dissection of various traits, including QTL mapping and genome-wide association; Genomic prediction methods, models, and cases; QTL introgression and evaluation; Genotypic by environment interactions; Omic-based analysis of variations of crop traits; Mining natural alleles and creating/editing favorable alleles of functional genes; The influences of functional genes on crop traits; Physiological investigation of crop traits.

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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