

## Special Issue

# New Advances in Genetic and Molecular Mechanisms Underlying Agronomic Traits in Crops

### Message from the Guest Editor

Agronomic traits are biological traits or processes in field crops, vegetable crops, fruit trees, and other species that are beneficial to agriculture as well as human wellbeing. The superior performance of agronomic traits is the foundation of all crop varieties used for agricultural production; therefore, advanced understanding of the genetic and molecular bases underpinning the performance of agronomic traits is crucial to improving or sustaining world food supplies. Recent studies, especially genetic, molecular, and genomic studies of agronomic traits using technologies powered by high-throughput sequencing and/or artificial intelligence (AI), including quantitative trait locus (QTL) mapping, genome-wide association studies (GWASs), molecular cloning and analysis of agronomic genes, etc., have dramatically advanced the knowledge of the genetic and molecular mechanisms underlying agronomic traits. This Special Issue will be focused on new advances in the research of agronomic traits, thereby contributing to crop genetic improvement and enhanced world food production.

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### Guest Editor

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## International Journal of Molecular Sciences

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