Soybean Molecular Breeding and Genetics

Guest Editors:

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Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

Soybean is the major source of plant protein and oil in the world. Molecular breeding has become the core technology for driving the development of global soybean production. A better understanding of the underlying molecular mechanisms of important traits and further improvement in soybean using new technologies such as CRISPR genome editing for higher yield, better nutritional quality and improved stress tolerance will play a key role in achieving green and sustainable agriculture.

We seek submissions of research articles and review articles on both basic research and technological advancements in soybean breeding and genetics. We welcome articles in the areas of gene and allele identification by QTL/association mapping, gene discovery and mechanism analysis, functional molecular markers and chip development, genome-wide selection, genetic engineering, gene editing, mutagenesis and molecular pyramid breeding, among other related areas. Papers submitted to this Special Issue must report high-novelty results and/or new plausible and testable models for the integrative analysis of the different approaches applied to soybean breeding.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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