

Special Issue

Advances in Soybean Genetics and Breeding

Message from the Guest Editors

Soybean, a wealthy source of edible oil and protein, is cultivated globally. Recent technological advances in the field of genome sequencing, “omics”, genome editing, and artificial intelligence-based approaches (e.g., machine learning and deep learning) have allowed to us explore the in-depth genetic mechanism at high accuracy underlying the important traits of soybean and to further deploy these results for the improvement of soybean yield, quality, and stress tolerance to achieve self-sufficiency in soybean production. For this Special Issue, we seek the submission of research and review articles related to both basic research and technological advancements in soybean genetics and breeding. Authors are welcome to submit articles in the areas of genetic mapping, gene identification, genomic selection, gene editing, genetic engineering, marker-assisted breeding, omics-assisted breeding, high-throughput phenotyping, and other related areas. It is emphasized that papers submitted in this Special Issue are required to possess novel results and/or new plausible and testable models for the integrative analysis of the different approaches applied to soybean breeding.

Guest Editors

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