Special Issue

Innovations in Transgenic Technology, Genome Editing, and Molecular Breeding for Soybean Improvement

Message from the Guest Editor

Soybean (*Glycine max* (L.) Merr.) is one of the world's most vital crops. With increasing demand, there are new requirements for accelerating technological innovation and enhancing soybean yield. Transgenic and genome editing technologies are key to soybean improvement. However, transgenic technology still faces issues such as low transformation efficiency, genotype restriction and inadequate multi-gene stacking techniques. Although advancements such as gene knockout, large fragment deletion and base editing have been achieved, more efficient and precise gene editing techniques are still needed. In response to these challenges, we have launched a Special Issue in *Agronomy* focusing on vector delivery systems, multi-gene stacking techniques, regenerative gene exploration and prime editing techniques. Additionally, it will cover leveraging transgenic and gene editing technologies to facilitate the rapid aggregation of favorable traits in soybean, including yield, quality and stress tolerance.

Guest Editor

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