Special Issue

Molecular Breeding and Genetic Improvement of Oilseed Crops

Message from the Guest Editors

Oilseed crops play an important role in global agriculture. With the rapid development of molecular biology in recent decades, molecular breeding using molecular marker-assisted selection, genome-wide selection and other techniques has shown great advantages in improving the agronomic traits of oilseed crops.This Special Issue focuses on recent advances in the role of molecular breeding and genetic improving plays in improving the agronomic traits of oilseed crops.Submitted papers could cover the following issues: 1. Genomics research: Explore the genome structure of oilseed crops, functional genes and genes related to oil synthesis; 2. Molecular-marker-assisted breeding: Use molecular markers to assist in selecting breeding materials and accelerate the breeding of superior genes; 3. Genetic transformation technology: Use genetic transformation technology to introduce exogenous genes and improve the stress resistance, yield and quality of oilseed crops; 4. Functional genomics: Research the function of specific genes and their role in the growth, development and stress response of oilseed crops.

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