Special Issue

Molecular Marker Technology for Crop Improvement

Message from the Guest Editor

Since the 1980s, agriculture and plant breeding have changed with the development of molecular marker technology. In recent decades, different types of molecular markers have been used for different purposes: mapping, marker-assisted selection, characterization of genetic resources, etc. These have produced effective genotyping but the results have been costly and time-consuming, due to the small number of markers that could be tested simultaneously. Recent advances in molecular marker technologies such as the development of high-throughput genotyping platforms, genotyping by sequencing, and the release of the genome sequence of major crop plants open new possibilities for advancing crop improvement. We welcome novel research and reviews covering all related topics including new marker technologies, their development and application in crop breeding: linkage mapping, GWAS, marker-assisted selection, fine mapping, genomic selection. Dr. Jose Miguel Soriano

Guest Editor

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