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Development and Genetic Improvement in Brassica Crops

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Message from the Guest Editor

Different oil crops, such as soybean, peanut, oilseed, castor, sunflower, and oil palm, are important resources of edible oil for human beings, which provide essential nutrients for the human body. With the increase in population and the improvement of living standards, cultivation and production of these oil crops poses a challenge to the genetic improvement of oil crops. In addition, with the reference genomes of several oil crops released and genetic transformation and gene editing tools readily available, basic and applied research of oil crops has entered a functional genomic era integrating multiple approaches. Therefore, this Special Issue will provide new insights into oil crop development and genetic improvement, including GWAS or QTL mapping, improving fatty acid composition, metabolic engineering, biotechnology, genetic and breeding, genetic evaluation of oil crop germplasm resources, etc.



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Special Issue



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Message from the Editor-in-Chief

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