



Advances in Genetics and Breeding of Rapeseed (*Brassica napus* L.)

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Message from the Guest Editors

Rapeseed (*Brassica napus* L.) is the world's third-largest oil crop. Both the oil content and quality of rapeseed have been markedly improved in recent decades, particularly since the release of its reference genome. To maximize the values of rapeseed, a multi-purpose development strategy centered around genetic improvement and breeding, integrating the utilization of oil, flower, vegetable, honey, feed and fertilizer, is becoming increasingly acceptable and extremely important.

Therefore, this Special Issue aims to synthesize the latest research progress on rapeseed genetics and breeding related to the aforementioned topics covering the identification and characterization of genes/QTLs and novel/superior alleles by functional genomics, genetics, resequencing and breeding, in order to augment rapeseed oil content, oil quality, yield potential, nutritional values and biotic/abiotic stress resilience. Original research papers, reviews, resources, technologies and perspectives are welcome.





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Message from the Editor-in-Chief

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