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Discovery and Exploration of Functional Genes in Oil Crops

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Deadline for manuscript submissions:

closed (1 September 2022)

Message from the Guest Editors

Dear Colleagues,

Oil crops provide not only vegetable oil but also valuable protein feed worldwide. Moreover, oil crops have become part of an important approach to increase the income of those in poverty living in rural regions of developing countries. With the release of more and more high-quality genome sequences and the application of comprehensive approaches for gene identification, significant progress in gene exploration has been achieved in recent years in oil crops and some favourable alleles of functional genes have been extensively utilized in breeding by design. This Special Issue will exhibit recent findings and call for reviews and research articles that include the identification and exploration of novel genes (quantitative trait loci) associated with major breeding objectives, including seed yield, seed quality, plant architecture, and resistance to biotic or abiotic stress in oil crops. Related fields are also welcome, such as the application of new techniques (genome editing) and molecular breeding by design of these functional genes in oil crops.



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Special Issue



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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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