



Molecular Regulations and Genetic Improvements of Oil Crops

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Message from the Guest Editors

Dear Colleagues,

In recent decades, with breakthroughs on metabolome, genomics, spatiotemporal transcriptome, gene editing, and artificial intelligence (AI) technologies, research on the molecular regulations and genetics of oil crops has gained great progress. In the past decades, the yields of staple crops, such as rice, wheat, and maize, have achieved significant improvements, and novel research technologies are also well-applied in staple crops. However, related research with novel technologies in oil crops needs more attention.

The current Special Issue discusses the molecular regulation mechanisms of oil crops in response to abiotic stresses or biotic stresses. This Special Issue on Molecular Regulations and Genetic Improvements of Oil Crops will also include work using novel technologies such as gene editing, omics, or AI technology. Furthermore, genetic algorithms and novel genetic technologies useful for the molecular breeding of oil crops are also of great interest. All types of articles, such as original research, opinions, and reviews, are welcome.





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Message from the Editor-in-Chief

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