

Special Issue

Molecular Regulations and Genetic Improvements of Oil Crops

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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