

## Special Issue

# Recent Trends in Oilseed Breeding and Genetics for Agronomical Traits

### Message from the Guest Editors

Studies pursuing to understand oil biosynthesis in plants have ramped up in recent years. Research on oilseed breeding has made substantial progress in altering oil composition, developing better-quality seeds and resistant varieties to insect, pest, and abiotic stress, and improving agronomic traits, thus increasing the overall yield of the crop. Still, it takes much longer to develop a new cultivar through conventional breeding. Recent advances in molecular and genetics tools will be highly effective and speed up the breeding process. The availability of whole-genome sequences of several oilseed crops, cost-effective sequencing techniques, and SNP genotyping arrays have made studies to identify genomic regions and genes conferring better agronomical traits much accessible. In this Special Issue of *Plants*, we invite research on agronomically essential traits, environmental adaptability, biotic and abiotic stress management, nutritional genomics, studies involving mutant populations, genome-editing, differential gene expression analysis, GWAS studies, mapping of qualitative and quantitative traits, epigenetics, marker-assisted breeding, and strategies to improve oilseed crops.

### Guest Editors

Prof. Dr. Charles Y. Chen

Dr. Jinesh D Patel

Dr. Srinidhi Holalu

### Deadline for manuscript submissions

closed (31 May 2023)



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*Plants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

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