

Special Issue

Recent Analysis and Applications of Comparative and Functional Genomic on Horticultural Plants

Message from the Guest Editors

Horticultural plants play critical roles in human daily life, which have important economic value, medicinal value and ornamental value. With the development of sequencing technology, genome sequencing of more and more horticultural plants has been completed. Moreover, the quality of the released genomes has been obviously improved due to the widely used of third-generation sequencing and Hi-C technology. These genomes provide rich resources for comparative and functional genomic studies in horticultural plants. Therefore, we organize this special issue to collect relevant research articles to promote the application of omics data in horticultural crops.

This special issue will mainly collect articles from the following aspects, but not limited to these aspects. (a) Gene family analysis at a large-scale level or verified experimentally; (b) Plant genome and comparative genomic analysis; (c) Population evolution and GWAS analysis; (d) Mining and verifying key genes of important agronomic traits; (e) Gene regulatory network construction; (f) Omic resource database or tool development for horticultural plants.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



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Message from the Editor-in-Chief

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