



## New Advances in Genetic Improvement and Breeding of Fruit Trees

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### Message from the Guest Editors

Dear Colleagues,

Fruit trees are popular with the public as they have high economic, ecological, health and academic value. In recent decades, great efforts have been made by researchers on fruit trees, since the breeding of new varieties with excellent fruit quality (external appearance, texture, flavor, nutritional value, etc.) and strong adaptability to biotic and abiotic stress is in great need, not only to meet the ever-growing consumer demands, but also to better adapt the trees to rapid environmental changes. This Special Issue aims to provide a comprehensive overview of recent advances in the genetic improvement and breeding of fruit trees. Innovative research including—but not limited to—reference genome assemblies, transcriptome assemblies, genetic linkage maps, QTL mapping, genome-wide association studies, allele mining, gene expression, and marker-trait associations for marker-assisted selection are encouraged for submission. Moreover, advances in gene-editing technologies, such as CRISPR-Cas9—which has facilitated the development of novel genotypes while circumventing challenges in conventional breeding—are also welcomed.





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## Message from the Editor-in-Chief

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