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Plant Biotechnology for Fruit Crop Improvement: Development and Innovation

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Deadline for manuscript submissions:
closed (30 October 2023)

Message from the Guest Editors

Fruit trees are economically important crops, and as long-lived woody perennial species, they require adapted biotechnological approaches. Numerous molecular and biotechnological tools, as well as several genome sequences, are now available for perennial fruit crop breeding, and to study the complex traits that can help their adaptation to the current challenging environmental conditions. The creation of new, more resilient cultivars, with high quality and yield parameters, is one of the main goals of fruit tree genetic improvement. The application of new genomic techniques can help to speed up the discovery of improved fruit trees species.

This Special Issue of *Plants* aims to summarize the recent findings on novel genetic-based discoveries and biotechnological approaches that try to explain and overcome the recalcitrance of these species to in vitro morphogenesis and genetic transformation. In addition, research articles related to the discovery and characterization of novel genes, crop traits, MAS and comparative genomics in woody species are welcome.



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Special Issue



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Message from the Editor-in-Chief

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