



Citrus Biotechnology

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Message from the Guest Editors

The genus *Citrus* is a perennial crop that can be quickly multiplied, thus maintaining the desirable characteristics of the mother trees. However, the low genetic variability found in citrus groves favors the appearance of pests and diseases that affect the crop. The classical breeding programs have helped in the development of new citrus varieties, but the narrow genetic base and long period of juvenility of citrus difficult the implementation of an agile program that offers fast solutions to the emerging problems.

In this context, biotechnology emerges as a strategy to understand host-pest-pathogen interactions, in addition to the development of new technologies. The use of genetic engineering and tissue culture to obtain new varieties allows the development of more resistant plant materials with the same productivity potential, and the sensorial and nutritional characteristics of the fruits.

The goal of this Special Issue on “Citrus Biotechnology” is to present a current overview of recent and significant research using potential new tools and advanced technologies for the maintenance and growth of the world citrus industry.





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Message from the Editor-in-Chief

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