



## Citrus Biotechnology

Guest Editors:

**Dr. Viviani Vieira Marques**

Embrapa - Brazilian Agricultural  
Research Corporation,  
Biotechnology Laboratory, Carlos  
João Strass Road, District of  
Warta, Londrina 86001-970, Brazil

**Dr. Sergio Ruffo Roberto**

Department of Agronomy,  
Agricultural Research Center,  
Londrina State University, Celso  
Garcia Cid Road, Londrina P.O.  
Box 10.011, Brazil

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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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### Prof. Dr. Luigi De Bellis

Department of Biological and  
Environmental Sciences and  
Technologies, Università del  
Salento, Centro Ecotekne, Via  
Provinciale Lecce Monteroni,  
73100 Lecce, Italy

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*Horticulturae* Editorial Office  
MDPI, St. Alban-Anlage 66  
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