

Special Issue

Genetic Improvement of Horticultural Plants for Yield, Quality, and Resistance to Diseases

Message from the Guest Editor

In this Special Issue, a wide scope of works aimed at plant breeding and genetic improvement of horticultural plants or neglected or new species with horticultural use is welcomed. Some of the kind of works which may fit this Special Issue are: i) improvement of yield per se, as well as breeding for the adaptation of plant populations and varieties to abiotic stresses and low-input conditions to achieve good yields, including root–soil interaction to improve the performance of the aerial part; ii) search for sources of resistance or tolerance to any pathogen affecting horticultural plants and strategies for genetic improvement; iii) genetic improvement and germplasm characterization of quality traits, i.e., antioxidants, vitamins, carotenoids, taste-related traits, flavor/aroma-related traits, programs supported on panel tests, etc.; iv) applied breeding programs; and v) participatory activities and experiments (i.e., scientists, technicians, consumers, retailers) for any of the aforementioned issues.

Guest Editor

Prof. Dr. Adrián Rodríguez-Burruezo

Instituto de Conservación y Mejora de la Agrodiversidad Valenciana (COMAV), University Politécnica de Valencia, Camino de Vera s/n, CP 46022 Valencia, Spain

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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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