

Special Issue

Recent Advances in Breeding, Genetics and Omics of Citrus

Message from the Guest Editor

As a result of climate change, the global citrus industry faces increasing biotic and abiotic constraints, while consumers expect higher quality products and public policies in many countries call for more environmentally friendly farming practices. In this context, rootstock and scion breeding is an essential component in building the citrus industry of the 21st century. For a long time, citrus breeding was hampered by biological constraints, such as partial apomixis, self-incompatibility, the complex or unknown interspecific origins of most horticultural groups, as well as a lack of knowledge on the genetic determinants of useful traits. Today, new biological knowledge and recent developments in the fields of biotechnology and genomics have helped overcome many of these issues. The aim of this Special Issue is to highlight recent advances in fundamental and applied research in the fields of citrus breeding, reproductive biology, genetics, genomics, and physiology, which contribute to tackling the challenges faced by the citrus industry.

Guest Editor

Prof. Dr. Patrick Ollitrault

Unité Mixte de Recherche Amélioration Génétique et et Adaptation des Plantes (UMR AGAP) Corse, Centre de coopération Internationale en Recherche Agronomique pour le développement (CIRAD), 20230 San Giuliano, France

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

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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