

Special Issue

Molecular Markers and Molecular Breeding in Horticultural Plants, 2nd Edition

Message from the Guest Editors

Plant molecular breeding, including marker-assisted breeding and genetic engineering, has experienced remarkable innovations and advances during the last few decades. The availability of high-throughput platforms focused on different omics—from genomics to metabolomics—has made important information related to key genes and pathways associated with important agronomical traits available. Molecular markers and molecular-assisted breeding are becoming increasingly important. This Special Issue intends to report the recent advances in breeding strategies focused on innovative analysis from different omics approaches. Approaches focused on genetics (genotyping and phenotyping), genomics (the identification of genes directly linked with agronomical traits, regulatory elements, or functional polymorphisms), and transcriptomics (the identification of key gene(s) and the validation of their involvement in the expression of specific traits) will be considered.

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Deadline for manuscript submissions

closed (20 February 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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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.

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