

Special Issue

Plant Molecular Breeding

Message from the Guest Editor

Currently, plant breeding is carried out worldwide. The use of molecular genetics techniques makes this process more efficient, and that of molecular markers saves time and allows the successful separation of unnecessary breeding material. Studies of biodiversity, sex determination in dioecious crops in the juvenile period, as well as selection of parental pairs for crossing are greatly simplified by molecular methods. The application of modern genomics makes it possible to achieve high-quality results. This Special Issue is devoted to the application of molecular genetics and genomics methods at any stages of the plant breeding process. Articles on the development of new molecular and cytogenetic markers, the sequencing of the genomes of agriculturally important plants, the analysis of valuable genes and DNA repeats in relation to plant breeding are invited. The submitted articles should present significant experimental results and be of interest to a wide range of readers.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



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About the Journal

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

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