

Special Issue

Pre-Breeding in Crops

Message from the Guest Editors

The challenges imposed by climate change and by requirements for quality and nutritional attributes of crops call for broadening the genetic base available to breeders to develop climate resilient, diseases and insect resistant and high-quality germplasm. Genetic resources, mainly landraces and crop wild relatives are special germplasm which can serve to introgress useful traits into elite germplasm through strengthening of pre-breeding efforts. From the existing literature, few examples of success of transferring genes from different genepools of crops are cited in case of wheat, tomatoes, rice and few other crops. This special issue will allow to share other successful efforts of pre-breeding for major crops and others and to show the impacts on the release of new varieties.

Guest Editors

Dr. Ahmed Amri

International Center for Agricultural Research in the Dry Areas (ICARDA), Av. Mohamed Belarbi Alaloui, Al Irfan, Rabat BP. 6299, Morocco

Dr. Shiv Kumar Agrawal

South Asia and China Regional Program, International Center for Agricultural Research in the Dry Areas (ICARDA), New Delhi 110012, India

Deadline for manuscript submissions

closed (30 June 2024)



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/175588

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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