Special Issue

Tea Germplasm Improvement and Resistance Breeding

Message from the Guest Editors

Tea is one of the most globally popular beverages for both consumption and research. Abundant tea germplasm resources provide diverse parent materials for tea breeding. With the publication of high-quality reference sequences of tea plants and re-sequencing data from different tea accessions, we have expanded upon our understanding of tea plant genetics and breeding. Until now, several advanced genomics and phenomics technologies have been utilized to meet the demands of health-conscious people for the improved quality and rapid production of tea and address the challenges of climate change, nutrient deficiency in soil, outbreaks of tea plant diseases and herbivorous pests, etc. This Special Issue of *Plants* welcomes original research and review articles that present recent advances in the field, with a focus on tea germplasm improvement and resistance breeding.

Guest Editors

Prof. Dr. Xiaoling Sun

Key Laboratory of Biology, Genetics and Breeding of Special Economic Animals and Plants, Ministry of Agriculture and Rural Affairs, Tea Research Institute, Chinese Academy of Agricultural Sciences, Hangzhou 310008, China

Prof. Dr. Xin Li

State Key Laboratory of Tea Plant Germplasm Innovation and Resource Utilization, Tea Research Institute, Chinese Academy of Agricultural Sciences, Hangzhou 310008, China

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



mdpi.com/si/175101

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

mdpi.com/journal/plants





Plants

an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 7.6 Indexed in PubMed



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

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

