Special Issue

Genomewide SNP Identification and Use for Resolving Population Structure and GWAS of Traits of Interest— 3rd Edition

Message from the Guest Editors

This Special Issue will publish high-quality research papers, as well as review articles addressing recent studies involving SNP mining, resolving population structures, haplotype networking, and GWAS as emerging tools for plant breeding and ecology research. Original, high-quality contributions that have not yet been published or that are not currently under review by other journals or peer-reviewed conferences are desired.

- SNP mining and InDELs
- population structure analysis
- GWAS
- high-density QTL mapping
- haplotype networking
- genomics of wild crop relatives

Guest Editors

Prof. Dr. Umesh K. Reddy

Gus R. Douglass Institute and Department of Biology, West Virginia State University, Institute, WV 25112-1000, USA

Dr. Subramanyam Chinreddy

Department of Biology, Gus R. Douglass Institute, West Virginia State University, Institute, Dunbar, WV 25112-1000, USA

Deadline for manuscript submissions

31 July 2026



Plants

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/249734

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)

