Special Issue

Advances in In Vitro Culture Systems for Plant Propagation and Conservation

Message from the Guest Editor

The journal *Plants* is announcing a Special Issue focussing on 'Advances in In Vitro Culture Systems for Plant Propagation and Conservation'. Agriculture and forest crops are in ever-increasing demand to supply vast amounts of natural products while using fewer resources. Our plant collections are the single most important asset to meet this demand. Rapid increases in core collections without spreading disease or creating genetic drift is the most important application of micropropagation technologies. Restoring damaged environments with appropriate genetics, or populating controlled environments for sustainable harvests, delivers downstream benefits to society at large. We invite you to share your research with our audience as it pertains to this Special Issue.

Guest Editor

Prof. Dr. Jeffery Adelberg

Department of Plant and Environmental Sciences, Clemson University, Clemson, SC 29634, USA

Deadline for manuscript submissions

28 February 2026



Plants

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/224311

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)

