

Special Issue

Biostimulants for Plant Mitigation of Abiotic Stresses in Plants

Message from the Guest Editor

This Special Issue "Biostimulants for Plant Mitigation of Abiotic Stresses in Plants" seeks to highlight the latest research on the use of biostimulants to mitigate abiotic stresses in crops. It will focus on their effectiveness, underlying mechanisms, and practical applications, ultimately contributing to the resilience of agriculture in the face of climate change.

Topics of interest include, but are not limited to, the following:

- History and development of biostimulants;
- Cellular and biochemical effects of biostimulants;
- Biostimulants and transcriptomics;
- Stress tolerance and crop production under biostimulant application;

Guest Editor

Dr. J. C. Luis Jorge

Department of Botany, Ecology and Plant Physiology, Area of Plant Physiology, Science Faculty, University of La Laguna, Avenida Astrofísico Francisco Sánchez s/n, 38200 San Cristóbal de La Laguna, Tenerife, Spain

Deadline for manuscript submissions

closed (31 December 2025)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/229342

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

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



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, and 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)