



Stress Alleviation in Plants: From Molecular to Ecophysiological Aspects

Guest Editors:

Dr. Ildikó Jócsák

Institute of Agronomy, Kaposvár
Campus, Hungarian University of
Agricultural and Life Sciences,
Guba Sándor Utca 40, H-7400
Kaposvár, Hungary

Dr. Ferenc Pál-Fám

Institute of Agronomy, Kaposvár
Campus, Hungarian University of
Agricultural and Life Sciences,
Guba Sándor Utca 40, H-7400
Kaposvár, Hungary

Prof. Dr. Sándor Keszthelyi

Institute of Agronomy, Kaposvár
Campus, Hungarian University of
Agricultural and Life Sciences,
Guba Sándor Utca 40, H-7400
Kaposvár, Hungary

Message from the Guest Editors

Dear Colleagues,

Biotic and abiotic stress factors affect plant metabolism in many ways, and their effects and consequences have been widely investigated in the past decades. However, under natural circumstances, stress agents do not occur alone; rather, they exert their effects via complex and combined mechanisms. Considerable amounts of data are available on stress-related plant responses, although there is much yet to be elucidated about the possibilities for detection and alleviation, not to mention the exact details of the underlying mechanisms. The focus of this Special Issue of *Plants* is on the possibilities to alleviate or putatively eliminate the detrimental effects of stress agents from the molecular to ecophysiological level in order to successfully combat them in real life. That is why all areas of plant sciences are welcome so long as the outcome of the research is targeted toward practical solutions of overcoming plant environmental stress factors.

Deadline for manuscript
submissions:

closed (20 June 2022)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

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)

Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)