







an Open Access Journal by MDPI

Genes Function and Mechanism Identification in Plant Stress Resistance 2.0

Guest Editor:

Dr. Hengling Wei

State Key Laboratory of Cotton Biology, Institute of Cotton Research, Chinese Academy of Agricultural Sciences, Anyang 455000, China

Deadline for manuscript submissions:

closed (15 January 2024)

Message from the Guest Editor

Dear Colleagues,

Global warming and its exacerbation of extreme weather events has increased the prevalence of factors that affect the development of plants. These include droughts, high temperatures and low temperatures, which have become the common forms of abiotic stress in the development of plants, particularly in areas that produce crops such as cotton. Creating plant germplasms that are resistant to such forms of abiotic stress is urgently required.

This Special Issue will address a selection of recent research topics and current review articles in the field of exploiting, cloning and verifying novel genes related to plant stress resistance, and will also consider the factors of drought, high temperature and low temperature, among others. Bioinformatics papers, up-to-date review articles and commentaries are also welcome.

Dr. Hengling Wei *Guest Editor*













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us