







an Open Access Journal by MDPI

Genetics of Abiotic Stress Tolerance in Plants

Guest Editors:

Prof. Dr. Sheng Zhang

College of Life Sciences, Sichuan University, Chengdu 610017, China

Dr. Zhibin Liu

College of Life Sciences, Sichuan University, Chengdu 610017, China

Deadline for manuscript submissions: **closed (15 October 2023)**

Message from the Guest Editors

Abiotic stress can encompass drought, high temperatures, low temperatures, nutrient deficnency, UV-B, salt and so on. To copy with these stresses, plants evolved to have a series of adaption strategies. During these processes, plants undergo physiological, biochemical and gene expression changes. However, our understanding of these genetic mechanisms remains incomplete.

The present Special Issue intends to present papers highlighting the genetic mechanisms plants have devolped in response to abiotic stresses. Topics of interest include but are not limited to physiological, multi-omics, transgenic, genetic and epigenetic functions in plants. We welcome both reviews and original research articles. For further information about the scope of this Special Issue, please feel free to contact us.













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

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, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank: JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us