International Journal of
Molecular Sciences

IMPACT FACTOR 4.9 | Indexed in: PubMed | CITESCORE 8.1

an Open Access Journal by MDPI

Mechanisms of Drought Stress Tolerance in Plants

Guest Editor:

Prof. Dr. Ricardo Aroca
Departamento de Microbiología del Suelo y Sistemas Simbióticos, Estación Experimental del Zaidín, Granada, Spain

Deadline for manuscript submissions:
closed (30 June 2019)

Message from the Guest Editor

Drought episodes are increasing in duration and intensity around the globe because of global climate change. Since plants are sessile organisms, they need plasticity mechanisms to cope with drought periods. These mechanisms vary between annual and perennial plants and may include evolutionary adaptations, as well as rapid molecular changes. This Special Issue is focused on how plants tolerate drought stress regarding anatomical, morphological, physiological and molecular mechanisms in any kind of plant. At the same time, responses can be local or systemic, at the cellular, organ or whole plant levels. Manuscripts should involve new approaches or findings that cause a significant advance in our knowledge of how plants tolerate drought stress.

International Journal of
Molecular Sciences

IMPACT FACTOR 4.9 | Indexed in: PubMed | CITESCORE 8.1

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

International Journal of Molecular Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
𝕏@IJMS_MDPI