

Special Issue

Molecular Regulation of Drought and Salinity Tolerance in Plants

Message from the Guest Editor

In this Special Issue, articles (original research papers, future perspectives, hypotheses, opinions, reviews) will present the newest results of investigations and findings in the above-presented area. We invite researchers to contribute to this Special Issue. Submissions should be related to themes including but not restricted to:

- salinity sensing as a starting point for turning on regulatory mechanisms involved in adaptation to salt stress;
- transcription factors that control plant responses to salt-stress and their target genes;
- the role plant hormones in inducing regulatory mechanisms of salt tolerance;
- ion transporters responsible for maintenance of ion homeostasis under salinity;
- importance of antioxidant systems for salt tolerance;
- mechanisms controlling water relations and osmotic adjustment under salinity;
- involvement of aquaporins in adaptation to salinity.

Guest Editor

Prof. Dr. Guzel Kudoyarova

Laboratory of Plant Physiology, Ufa Institute of Biology of the Russian Academy of Sciences, Ufa 450054, Russia

Deadline for manuscript submissions

closed (20 January 2025)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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