



## Molecular Aspects of Plant Salinity Stress and Tolerance 2.0

Guest Editors:

**Prof. Dr. Jen-Tsung Chen**

Department of Life Sciences,  
National University of Kaohsiung,  
Kaohsiung 811, Taiwan

**Prof. Dr. Daniela Romano**

Department of Agriculture, Food  
and Environment, University of  
Catania, Via Valdisavoia, 5, 95123  
Catania, Italy

Deadline for manuscript  
submissions:

**closed (30 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue is the continuation of our previous Special Issue, “Molecular Aspects of Plant Salinity Stress and Tolerance”.

Salinity is one of the major abiotic stresses that retard the growth and productivity of crops, particularly in hot and dry areas of the world. It is an intensive topic on which many studies have been conducted, with the aim of understanding the physiological and molecular responses involved in plant salinity stress. In recent years, with the rapid progress of molecular technologies, scientists have acquired more powerful tools to reveal in-depth mechanisms and to establish crop breeding programs for plant salinity tolerance. Hence, this Special Issue aims to unravel the whole picture of plant salinity tolerance by expanding knowledge that focuses on the molecular aspects of the following subtopics.

We invite scientists to contribute original research articles and reviews for this Special Issue. Please note that approaches will only be considered for peer review if they are extended to provide further in-depth insights into the mechanisms associated with responses to salinity stress.





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