

## Special Issue

# Functional Genomics Approaches for Improving Abiotic Stress Tolerance in Crop Plants

### Message from the Guest Editors

In this Special Issue, contributions are invited wherein functional genomic approaches such as transcriptomics, proteomics, and metabolomics are used to identify networks of genes associated with abiotic stresses in crop plants. Omic studies that involve combinations of two or more stresses such as drought and heat, drought and salinity, and other stress combinations are strongly encouraged. Investigations on single abiotic stresses that utilize two or more omic strategies to identify key genes will be suitable for this issue. Studies using GWAS to identify genomic regions associated with stresses should include the genetic analysis of one or more genes underlying a major QTL region. The genetic analysis could be performed using mutant collections, RNAi, CRISPR, and overexpression lines.

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### Guest Editors

Dr. Ramamurthy Mahalingam  
USDA-ARS, Cereal Crops Research Unit, Madison, WI 53726, USA

Dr. Birgit Kersten  
Thünen Institute of Forest Genetics, Sieker Landstrasse 2, D-22927  
Grosshansdorf, Germany

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### Deadline for manuscript submissions

closed (31 October 2021)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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.

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### 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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