

Special Issue

Structural and Functional Genomics for Plant Development and Stress Tolerance

Message from the Guest Editors

Various abiotic and biotic stresses can affect plant growth and development at physiological, biochemical, and molecular levels, including alterations in gene expression, accumulation of organic solutes, imbalance in phytohormones excretion, and inhibition of plant growth. A better understanding of structural and functional genomics in plants would help to design and create new plant varieties more efficiently and quickly, which can sustain their performance under different stress and climate change scenarios.

In this Special Issue, we aim to publish high-quality research articles and reviews on the understanding of gene expression in plants for their growth development and stress responses. If you have an interest, please feel free to contact SI editor liana.duan@mdpi.com

Keywords

- structural genomics
- gene expression
- functional validation
- plant development
- stress tolerance
- genetic engineering and gene editing
- crop productivity

500 CHF total discount would be applied to submissions by 31 Jan 2022

300 CHF total discount would be applied to submissions by 28 Feb 2022

Guest Editors

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Deadline for manuscript submissions

closed (30 December 2022)



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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

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