

Special Issue

Genetic Control of Plant Drought Tolerance

Message from the Guest Editors

It has been predicted by the FAO that food supply will need to increase by 70% in 2050 to feed the growing world population and meet our needs. However, global climate change severely threatens crop production. Drought occurs worldwide and causes ~10% reduction of yield every year. Engineering of drought-tolerant crops is an effective way to cope with the growing pressure on crop production and food security. Plant drought tolerance is a complex trait regulated by many quantitative trait loci (QTLs) with minor effects. So far, many drought-tolerant QTLs have been mapped in crops, but few of them have been cloned and functionally studied, which slows down the process of crop drought tolerance breeding. This Special Issue, "Genetic Control of Plant Drought Tolerance", will cover recent research topics and current review articles in the field of drought in crops. Experimental and bioinformatics papers, up-to-date review articles, and commentaries are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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