



Genetic Control of Plant Drought Tolerance

Guest Editors:

Prof. Dr. Mingqiu Dai

National Key Laboratory of Crop
Genetic Improvement, Huazhong
Agricultural University, Wuhan
430070, China

Prof. Dr. William Terzaghi

Department of Biology, Wilkes
University, Wilkes-Barre, PA, USA

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Message from the Guest Editors

Dear Colleagues,

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.





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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

Message from the Editor-in-Chief

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