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Genetics of Abiotic Stress Tolerance in Plants Volume II

Guest Editors:

Prof. Dr. Sheng Zhang

College of Life Sciences, Sichuan University, Chengdu 610017, China

Dr. Zhibin Liu

College of Life Sciences, Sichuan University, Chengdu 610017, China

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Message from the Guest Editors

Dear Colleagues,

Abiotic stress includes drought, high temperatures, low temperatures, nutrient deficiency, UV-B, salt, and so on. To cope with these stresses, plants have evolved a series of adaption strategies which allow them to survive. During these processes, plants undergo physiological, biochemical, and gene expression changes. However, our understanding of their genetic mechanisms remains incomplete.

The present Special Issue presents analyses of plant genetic mechanisms responding to abiotic stresses. It includes but is not limited to the topics of plant physiological, multi-omics, transgenic, genetic, and epigenetic technologies. We welcome both reviews and original research articles. For further information about the scope of this Special Issue and preferred manuscript topics, please feel free to contact the Guest Editors.

Prof. Dr. Sheng Zhang

Dr. Zhibin Liu

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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