

## Special Issue

# Genetic Mechanism of Plant Responses to Environmental Stresses

### Message from the Guest Editor

As sessile organisms, plants must cope with different environmental stresses in their life span, including drought, flooded condition, hypoxia, salt, heavy metal, metalloids, nutrition deficiency, ultraviolet radiation, high light, high or low temperature, as well as the interaction or combination of different stresses. In the last two decades, great progress has been made regarding the genetic mechanisms of plant responses to environmental stresses, involved in the different aspects like stress sensing and signaling, transcription regulation and processing, as well as translation and post-translational protein modifications. This has enabled research on more genetic engineering strategies and methods to increase plant resilience to environmental stress. In this Special Issue, we would like to invite submissions of high-quality original research or review articles on topics related to genetic and genomic studies of plant responses to various environmental stresses.

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### Guest Editor

Prof. Dr. Yin'an Yao

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### Deadline for manuscript submissions

closed (20 February 2023)

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## Genes

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*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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