



Alternative Splicing: From Abiotic Stress Tolerance to Evolutionary Genomics

Guest Editors:

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Message from the Guest Editors

Dear Colleagues,

Post-transcriptional regulations, especially alternative splicing (AS) events, substantially contribute to the complexity of eukaryotic transcriptomes. We consider that investigating and comparing AS events of genes across lineages or within phylogenetically related species would also be a very interesting topic.

Agricultural productivity has been threatened by the growing climate change problems, so investigating the molecular mechanisms underlying the various kinds of environmental stresses has become an urgent task for crop improvement. A lot of literature has revealed a linkage between AS events and plant stress tolerance. Thus, AS plays an important role in Kingdom Eukarya.

This Special Issue will focus on the alternative splicing events of genes and their regulation in response to abiotic stress or disease, and their evolution in different genomes. Notwithstanding, contributions on related topics aimed at understanding the biological functions of alternative splicing in plants are also welcomed, including reviews and original research articles.

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Guest Editors





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Message from the Editor-in-Chief

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