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Genetic Adaptation of Agroforestry to Climate Change: Diversity, Development and Function

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Message from the Guest Editor

During their long-term environmental adaptation, forest plants have created their own survival mechanisms, which contain the diversity of their gene resources and gene expression regulation mechanisms. In this Special Issue, we intend to focus on the gene identification, functional evaluation, and expression regulation process in forest species in adaptation to various environmental conditions, so as to examine their diversity adaptation mechanisms and potentially provide a blueprint and greater gene resources for the molecular design and breeding of forest trees.

We are interested in papers on topics including the following: Gene identification and functional evaluation; Gene diversity in adaption to growth conditions; Gene alternative splicing in adaption to growth conditions; Gene expression regulation in adaption to growth conditions; Gene networks in adaption to growth conditions; Genetic transformation of forest trees.



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