



The Regulation Mechanism of the Formation of Important Characteristics in Woody Plants

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Message from the Guest Editors

Woody plants are crucial resources for human life and economic development. The formation of the important traits of woody plants is influenced by various factors, including genes, environment, and gene–environment interaction. Although the molecular mechanism of the formation of many important traits is still unclear, some scholars have studied the phenotypic observation, genetic analysis, and functional identification of different tree species, revealing the role of related genes in their formation. Therefore, this issue seeks research contributions on the formation of the unique characteristics of different woody plant organs, as well as on the formation of traits such as wood density, oil content, secondary metabolites, and other substance enrichment.

Potential topics include, but are not limited to:

The physiological regulation mechanism of the formation of important characteristics in woody plants;
Mining genes related to the formation of important traits in trees and Study on the function of related genes;
Regulatory network and prospect of research for the formation of the important characteristics of woody plants;





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