

## Special Issue

# Advances in Forest Tree Physiology, Breeding and Genetic Research

### Message from the Guest Editor

Recently, there has been much progress in research on trees. However, it is still a priority to deepen our knowledge regarding the molecular mechanisms of forest trees. From metabolism to compounds, from genetic exploration to regulation of key traits, all have largely extended our understanding of the molecular biology of trees. Exploring the molecular mechanism of trees may provide us with strategies to promote tree adaptation and benefit human society. This Special Issue of *IJMS*, entitled “Advances in Forest Tree Physiology, Breeding and Genetic Research”, will cover a variety of physiological, cellular and molecular research including growth, development, and biotic and abiotic stress responses in trees. A major criterion for acceptance is that the work provides substantial insight into molecular mechanisms or describes new pathways governing biological processes in trees. We also welcome submissions on related research of woody species. This Special Issue is supervised by and assisted by our Topical Advisory Panel Member Dr. Jingli Yang (Northeast Forestry University).

### Guest Editor

Prof. Dr. Chenghao Li

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### Deadline for manuscript submissions

closed (29 February 2024)



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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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