

Special Issue

Genetics and Transcriptomics of Medicinal Plants

Message from the Guest Editors

In recent years, due to their commercial importance and increasing demand, research on the genetics and breeding of medicinal plants has gradually increased and made some progress. However, much work remains to be conducted to explore the functions of genes, regulatory mechanisms, and signaling pathways for stimulating the development of breeding technologies in order to improve traits. Various technologies, genomics, transcriptomics, etc., have been utilized to determine gene functions. These advances have created new opportunities for plant breeding programs to accelerate their genetic gain rates. However, the use of these technologies in the breeding of medicinal plants has been limited, and there is still a lot of room to improve breeding development, detect the biological functions, and identify technological applications in medicinal plants.

Therefore, in this Special Issue, we invite researchers to share their findings on all aspects of molecular biology, genetic diversity, plant tissue culture, biological activity, and regulatory issues related to medicinal plants.

Guest Editors

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Deadline for manuscript submissions

closed (25 October 2023)

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About the Journal

Message from the Editor-in-Chief

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?

Editor-in-Chief

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