



New Insights into Germplasm Resources, Biotechnology and the Genetic Breeding of Medicinal Crops

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editor

Contributions in the form of original research articles, reviews, methods, and communications covering all aspects of the characterization of medicinal crop genetic resources and their applications will be considered. The topics of submissions to this Special Issue include (but are not limited to):

The identification of new germplasm resources of medicinal crops through classical genetic breeding or modern biotechnical approaches.

The functional verification of genes underlying important traits in medicinal crops, including, but not limited to nutritional quality, active metabolites, and biotic and abiotic stress tolerance.

The in vitro micropropagation and elicitation of medicinal crops.

The application of molecular breeding technology, including gene editing, molecular markers, and multi-omics, which can improve medicinal crops and adaptability.

Active metabolites (such as polysaccharides, alkaloids, anthocyanins, flavone, vitamins, terpenes, aromatic substances, etc.) in medicinal crops beneficial for human health.

The development of speed breeding and other new technologies for improving germplasms, which provides faster and more precise strategies for the breeder.





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Message from the Editor-in-Chief

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