

## Special Issue

# Medicinal Plants: Advances in Phytochemistry and Ethnobotany II

### Message from the Guest Editors

Ethnobotanical information and phytochemical studies are usually the first steps taken to validate the ethnomedicinal use of a plant species, together with in vitro and in vivo preclinical assays. Although preliminary, all data obtained in these stages are important to define the next steps towards the potential development of a herbal medicine. Research in these areas is sometimes key to avoid the destruction of the plant population or the extinction of the species. Additionally, in this sense, classic and modern techniques, together with the use of artificial intelligence, metabolomic analysis and system pharmacology, are integrated in order to allow a full understanding of a herbal medicine. Last year, in the first edition of the Special Issue 'Medicinal Plants: Advances in Phytochemistry and Ethnobotany', 27 research groups worldwide submitted their original papers or reviews, and among them, thirteen papers were published. Research and attempts to fully understand medicinal plants are an endless task, especially considering their different traditional uses. Therefore, a second issue on this same relevant theme is now presented.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2025)



## Plants

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## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
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