

## Special Issue

# Advances in Plant Essential Oils

### Message from the Guest Editors

Essential oils (EOs) obtained from plants have several and important applications in the pharmaceutical, food, cosmetic and agricultural industries. These oils are complex mixtures of natural products produced by plants of medicinal or nutritional importance, with variable yields depending on the extraction methods. The chemical composition of EOs is diverse and characteristic of each plant species. Plants' EOs are appreciated for their aroma and flavor as well as for the important biological activities that they display, such as antibacterial, antioxidant, antifungal, antiparasitic, antiviral, enzyme inhibition and insecticide, among others.

Regarding the biological activity of EOs, every day, new advances are reported in the literature that confirm the potential usefulness of these complex mixtures of metabolites against new targets.

This Special Issue aims to provide a general overview of the latest advances that might help to fully exploit the rich chemical diversity and biological applications of the valuable EOs produced by plants. Original research articles and specialized critical reviews exploring these advances are welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 January 2024)



## Plants

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### 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

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