

## Special Issue

# Plant-Based Therapeutics for Metabolic Disorders

### Message from the Guest Editors

Metabolic disorders are a major global health burden. Rising in prevalence, these disorders are linked to cardiovascular and chronic diseases. Current pharmacological therapies help manage these disorders but have drawbacks, including adverse effects, high costs and limited efficacy. These limitations highlight a need for alternative or complementary treatments. Plants are a vast, largely untapped source of bioactive molecules with potential for metabolic regulation. Many phytochemicals show antioxidant, anti-inflammatory, hypoglycemic, and lipid-lowering effects used in preventing and treating metabolic dysfunctions. This Special Issue aims to compile original research articles and comprehensive reviews to advance knowledge in this field. Submissions that address isolation and characterization of bioactive compounds, pharmacological evaluations, mechanistic studies, metabolomic analyses, and clinical or preclinical investigations are welcome. Interdisciplinary approaches using phytochemistry, biotechnology, and systems biology are also encouraged to deepen understanding of plant-based therapeutics as options for metabolic health.

### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## 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, 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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