

Special Issue

Biochemical Composition and Activity of Medicinal Plants and Food

Message from the Guest Editors

Recently, much attention has been paid to extracts and biologically active compounds isolated from plant species with the aim of analyzing their pharmacological activities. The structural diversity of bioactive compounds and their almost ubiquitous presence in plants present a challenge in optimizing new extraction strategies that are environmentally friendly. Moreover, for their use in human health, encapsulation strategies to enhance the overall bioavailability of bioactive compounds are also a rising trend. Ground-breaking developments in research methodology and interdisciplinary scientific approaches in medicinal plant research are giving rise to innovative standpoints. The current Special Issue will provide a platform for generating data and disseminating the recent research available in this sphere, especially focusing on the molecular aspects, throughout the world in the form of valuable studies, reviews, and mini-reviews related to future prospects in medicinal plants and their applications. Importantly, the exact active ingredient of these natural-origin extracts must be reported in the submitted manuscripts.

Guest Editors

Dr. Jayanta Kumar Patra

Dr. Gitishree Das

Prof. Dr. José Basilio Heredia

Deadline for manuscript submissions

closed (31 December 2024)



Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 3.7
Indexed in PubMed



mdpi.com/si/207716

Current Issues in Molecular Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cimb@mdpi.com

[mdpi.com/journal/
cimb](https://mdpi.com/journal/cimb)





Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 3.7
Indexed in PubMed



[mdpi.com/journal/
cimb](https://mdpi.com/journal/cimb)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Molecular Medicine, University of Otago,
Christchurch 8140, New Zealand

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PMC, PubMed, Embase, CAPlus / SciFinder, FSTA, AGRIS, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names are published annually in the journal.