

## Special Issue

# Natural Compounds: An Adjuvant Strategy in Cancer Management

### Message from the Guest Editors

Phytochemicals (as well phenolics, flavonoids, and carotenoids) are dietary bioactive compounds present in fruits and vegetables known to act, under certain conditions, as pro-oxidant and cytotoxic agents in certain tissues, including tumour cells. Due to their properties, dietary phytochemicals are used to supplement conventional chemotherapy drugs to increase anti-tumor efficacy, or they can be modified to synthesize novel anti-cancer formulations less cytotoxic to normal tissue cells and more effective against cancer. In this Special Issue, we invite authors to submit original research and review articles investigating different metabolic changes in cancer cells due to the administration of natural compounds and their derivatives. Also, we gratefully appreciate all contributions focused on the identification of new therapeutic approaches using vegetable bioactive compounds in patients for improving positive outcomes in cancer treatment.

---

### Guest Editors

Dr. Monia Cecati

Department of Clinical Sciences, Polytechnic University of Marche,  
60020 Ancona, Italy

Dr. Arianna Vignini

Department of Clinical Sciences, Università Politecnica delle Marche,  
60100 Ancona, Italy

---

### Deadline for manuscript submissions

30 June 2025



## Current Issues in Molecular Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 2.9  
Indexed in PubMed



[mdpi.com/si/222614](https://mdpi.com/si/222614)

*Current Issues in Molecular  
Biology*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34

[cimb@mdpi.com](mailto:cimb@mdpi.com)

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

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





# Current Issues in Molecular Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 2.9  
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 Biomedical Science, University of Otago,  
Christchurch, 2 Riccarton Avenue, P.O. Box 4345, 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 15.8 days after  
submission; acceptance to publication is undertaken in 2.6  
days (median values for papers published in this journal in  
the second half of 2024).

##### Recognition of Reviewers:

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