

## Special Issue

# Molecular Insights into Cancer Biomarkers: Identification and Practical Applications

### Message from the Guest Editor

Nowadays, cancer research is evolving, and the identification of new biomarkers that can provide early cancer detection, predict its progression, or assist in treatment monitoring—preferably in a non-invasive manner—is transforming the oncology field in terms of diagnosis, prognosis, and treatment strategies. This Special Issue will focus on the discovery, validation, and clinical application of cancer biomarkers, with an emphasis on their role in tumor growth, progression, metastasis, and therapeutic intervention. This issue aims to highlight cutting-edge research on the identification of novel cancer biomarkers and their roles in tumor progression and metastasis, tissue matrix remodeling proteins and their significance in cancer metastasis, and biomarker-based therapeutic strategies. Also, a special emphasis will be placed on liquid biopsy biomarkers, with applications for monitoring tumor dynamics and therapeutic response. This Special Issue should appeal to a broad audience of oncologists, molecular biologists, and translational researchers, driving forward the integration of biomarkers into precision oncology.

---

### Guest Editor

Dr. Mihaela Chivu-Economescu

Stefan S. Nicolau Institute of Virology, Bucharest, Romania

---

### Deadline for manuscript submissions

31 December 2025



## Current Issues in Molecular Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 3.7  
Indexed in PubMed



[mdpi.com/si/227955](https://mdpi.com/si/227955)

*Current Issues in Molecular  
Biology*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cimb@mdpi.com](mailto: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 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, CAPus / SciFinder, FSTA, AGRIS, and  
other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 17.8 days after  
submission; acceptance to publication is undertaken in 2.7  
days (median values for papers published in this journal in  
the first half of 2025).

##### Recognition of Reviewers:

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