

Special Issue

Targeted Therapies and Biomarker Discovery in Health and Disease

Message from the Guest Editor

The development of Multi-Omics technologies has facilitated advances in targeted therapies and the identification of biomarkers in medicine, particularly within oncology and neurology. In cancer treatment, molecularly targeted agents have supported precision medicine approaches designed to improve efficacy and reduce toxicity. Biomarkers, including genetic mutations, protein expression profiles, and circulating tumor DNA, play significant roles in informing therapeutic decisions and monitoring disease status. In neurology, the identification of biomarkers for neurodegenerative diseases such as Alzheimer's, Huntington's, Parkinson's, and lateral amyotrophic sclerosis is contributing to earlier diagnosis and supporting research into disease-modifying treatments. Targeted interventions informed by molecular and cellular mechanisms are being evaluated for conditions that previously lacked effective treatment options.

Guest Editor

Dr. Rodrigo Pinheiro Araldi

Postgraduate Program in Endocrinology and Metabology, Paulista School of Medicine of the Federal University of São Paulo (EPM/UNIFESP), São Paulo 04023-062, SP, Brazil

Deadline for manuscript submissions

closed (10 June 2026)



Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.0
Indexed in PubMed



mdpi.com/si/248665

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 5.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Current Issues in Molecular Biology (*CIMB*, ISSN 1467-3045) is an international, peer-reviewed, open access journal established in 1999 and published monthly online by MDPI (from Volume 43 Issue 1-2021). *CIMB* publishes original research articles and comprehensive reviews on emerging and significant topics in molecular biology, covering all aspects of molecular biology and related interdisciplinary fields. We invite you to read recent articles published in *CIMB* and consider submitting your next research to the journal, particularly studies exploring mechanistic insights, translational applications, and interdisciplinary approaches across molecular biology.

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.

Journal Rank:

CiteScore - Q2 (Microbiology (medical))

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).