

Special Issue

Molecular Biology in Drug Design and Precision Therapy, 2nd Edition

Message from the Guest Editors

The Special Issue "Molecular Biology in Drug Design and Precision Therapy, 2nd Edition" aims to explore the interplay between molecular biology and the development of novel therapeutic strategies, with a particular focus on precision medicine. In biomedical research, molecular biology has a tremendous role in elucidating the fundamental mechanisms implicated in disease pathogenesis, simplifying the road to targeted therapies tailored to individual patients.

This Special Issue invites contributions that explore the molecular intricacies of disease processes, encompassing a wide array of topics. Emphasizing the molecular level of investigation, manuscripts are encouraged to elucidate the molecular targets of therapeutic interventions, as well as mechanisms of drug action and resistance, and explore the potential of precision medicine approaches to optimize treatment outcomes. Through a comprehensive understanding of molecular mechanisms, this Special Issue aims to drive advancements in drug discovery, development, and personalized therapy, ultimately translating molecular insights into improved clinical outcomes for patients.

Guest Editors

Dr. Cristina Manuela Dragoi
Dr. Ion-Bogdan Dumitrescu
Dr. Alina Crenguta Nicolae

Deadline for manuscript submissions

31 January 2027



Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.0
Indexed in PubMed



mdpi.com/si/264979

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).