

Special Issue

Molecular Biology in Dentistry: Innovations in Diagnosis, Treatment, and Biomaterials

Message from the Guest Editors

We are pleased to announce a new Special Issue. The field of dentistry is witnessing significant advancements through the application of molecular biology techniques. These innovations are shaping the future of diagnostic methods, therapeutic approaches, and biomaterial development within oral health care. Molecular research is unveiling new insights into oral diseases, the oral microbiome, tissue regeneration, and biomimetic materials, which offer promising solutions for enhanced dental restorations, periodontal treatments, and implantology. This Special Issue will focus on the intersection of molecular biology and dentistry, with an emphasis on topics such as regenerative dentistry, gene therapy for oral conditions, the role of molecular pathways in dental diseases, and the development of bioactive materials for dental applications. We invite researchers and clinicians to contribute original research articles, reviews, short communications, case series, and case reports that explore the molecular aspects of dentistry, helping to bridge the gap between molecular biology and clinical practice for better patient outcomes.

Guest Editors

Dr. Maria Maddalena Marrapodi

Department of Woman, Child and General and Specialist Surgery,
University of Campania "Luigi Vanvitelli", 80121 Naples, Italy

Dr. Valentina Belli

Department of Precision Medicine, Università degli Studi della
Campania "Luigi Vanvitelli", 80131 Naples, Italy

Deadline for manuscript submissions

20 November 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/220539

*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 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.