

## Special Issue

# Exploring Novel Therapeutic Targets for Neuropsychiatric Disorders: Current Research and Future Direction

### Message from the Guest Editor

The increasing prevalence of mental disorders, resulting from the stress demands of today's society, bad habits that trigger metabolic disorders, and the advent of increased life expectancy. For these reasons, it is crucial to have new therapeutic targets that allow mental dysfunctions to be addressed in a general and modulating manner, whilst minimizing adverse effects.

For example, several studies strongly support the non-reproductive actions of sex hormones and the strong relationship between circulating endogenous concentrations of these hormones and their neuroprotective actions. Similarly, there is abundant evidence supporting the key role of the cerebral angiotensin II system in the pathogenesis of Parkinson's disease and other mental disorders. Vascular alterations and the integrity of the neurovascular unit must also not be overlooked. The role of diabetes and metabolic syndrome as vulnerability factors for mental illness must be taken into consideration when searching for therapeutic targets. Understanding the various inflammatory processes that contribute to the long-term development of mental illness is also important.

### Guest Editor

Prof. Dr. Claudia Bregonzio

Instituto de Farmacología Experimental Córdoba (IFEC-CONICET),  
Departamento de Farmacología Otto Orsingher, Facultad de Ciencias  
Químicas, Universidad Nacional de Córdoba, Córdoba X5000,  
Argentina

### Deadline for manuscript submissions

30 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/244930](https://mdpi.com/si/244930)

*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.