

Special Issue

Advanced Research on Mechanisms of Neuronal Signaling in Spinal and Peripheral Nerves

Message from the Guest Editor

We feel and explore through our body, and the human body would be disconnected and confined without spinal and peripheral nerves. Interestingly, these nerves are different from those of the brain and have the remarkable ability to reconnect and reanimate muscles. Moreover, these abilities expand beyond the intra-axial or innate neural circuit and create an extra-axial neural circuit. However, research on spinal and peripheral nerves is more difficult to find compared to studies on the brain. In this context, we invite molecular research focusing on the neuronal signaling of spinal and peripheral nerves, encompassing motor and sensory functions, the immune system, cord injuries, nerve tumors, or spinal cord replacement. We encourage submissions of original research and review articles addressing these topics. We invite scholars to submit papers on spinal and peripheral nerves to this Special Issue of *Current Issues in Molecular Biology*.

Guest Editor

Prof. Dr. Seon-Jin Yoon

1. Department of Neurosurgery, Seoul BumIn Hospital, Gangseo-gu, Seoul 07565, Republic of Korea
2. Yong Jung Jay Kim Spine Deformity Center, Seoul BumIn Hospital, Gangseo-gu, Seoul 07565, Republic of Korea

Deadline for manuscript submissions

closed (30 June 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/226199

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 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.

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).

Recognition of Reviewers:

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