

## Special Issue

# State-of-the-Art Molecular Neurobiology in Malaysia

### Message from the Guest Editor

The nervous system orchestrates complex physiological and cognitive functions through tightly regulated molecular and cellular mechanisms. Disruptions in these processes contribute to neurological disorders such as neurodegeneration, stroke, traumatic brain injury, neuroinflammation and neurodevelopmental conditions. Advances in molecular neurobiology, including genomics, proteomics, epigenetics and signaling pathway analysis have substantially improved our understanding of disease pathogenesis, biomarker discovery and therapeutic target identification. In Malaysia, researchers have made meaningful contributions to elucidating molecular mechanisms underlying nervous system function and dysfunction, as well as exploring pharmacological and translational strategies for neurological diseases. This Special Issue aims to highlight the recent progress made in molecular neurobiology research conducted in Malaysia. We invite the submission of original research articles and comprehensive reviews that advance knowledge of molecular pathways, experimental models, diagnostic approaches and therapeutic innovations in neuroscience.

---

### Guest Editor

Dr. Mohamad Fairuz Yahaya

Department of Anatomy, Faculty of Medicine, Medical Center, Universiti Kebangsaan Malaysia, Kuala Lumpur 56000, Malaysia

---

### Deadline for manuscript submissions

30 September 2026



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/273472](https://mdpi.com/si/273472)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 10.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)