

## Special Issue

# Molecular Pharmacology and Pathology of Strokes

### Message from the Guest Editors

Stroke is an acute neurological event leading to neural tissue death in the brain, causing motor, sensory, and cognitive function loss. Breakthroughs in elucidating the basic molecular pharmacology in cerebrovascular function and thrombosis/coagulation, has led to significant advancements in the current treatment paradigm for patients with stroke. Innovation in these areas of research has led to remarkable discoveries and significantly reduced the mortality and morbidity from stroke. Nevertheless, more work and a tenacious pursuit of the basic/clinical sciences in cerebrovascular pathology and pharmacology are still wanted. The purpose of this Special Issue is to present knowledge of prevention and treatment by the use of novel drugs and nutraceuticals. We encourage contributions, which will motivate the remaining efforts to understand the pathology underlying cerebrovascular diseases, and neurodegenerations, the development of strategies to prevent and treat these conditions, evaluation of outcomes, and epidemiological and clinical studies.

### Guest Editors

Prof. Dr. Joen-Rong Sheu

Department of Pharmacology, Graduate Institute of Medical Sciences,  
College of Medicine, Taipei Medical University, Taipei, Taiwan

Prof. Dr. Howard Prentice

Charles E. Schmidt College of Medicine, Florida Atlantic University,  
Boca Raton, FL 33431-0991, USA

### Deadline for manuscript submissions

closed (31 January 2019)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/9557](https://mdpi.com/si/9557)

*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 9.0  
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 (Organic Chemistry)