

## Special Issue

# State-of-the-Art Molecular Pharmacology in USA

### Message from the Guest Editors

Original research and review articles on molecular pharmacology are invited. The “Molecular Pharmacology” Section aims to publish the latest developments in cellular and molecular pharmacology with a major emphasis on the mechanism of action of novel drugs, innovative pharmacological technologies, cell signaling, transduction pathway analysis, genomics, proteomics, and metabolomics applications to study drug action. An additional focus will be the way in which normal biological function is illuminated by knowledge of the action of drugs at the cellular and molecular level. A great number of research teams in the USA from different institutions and universities are working together and devoting considerable effort to developing and studying molecular pharmacology. This topical collection is committed to providing an overview of the macromolecular sciences and technologies in the USA.

---

### Guest Editors

Dr. Anastasios Lymperopoulos

Prof. Dr. William C. (Trey) Putnam

Prof. Dr. Khosrow Kashfi

Dr. Kamyar Zahedi

Prof. Dr. Gaetano Santulli

---

### Deadline for manuscript submissions

closed (20 July 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/101439](https://mdpi.com/si/101439)

*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)