



State-of-the-Art Molecular Pharmacology in USA

Guest Editors:

Dr. Anastasios Lymperopoulos

**Prof. Dr. William C. (Trey)
Putnam**

Prof. Dr. Khosrow Kashfi

Dr. Kamyar Zahedi

Prof. Dr. Gaetano Santulli

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 metabonomics 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.

Deadline for manuscript
submissions:

20 July 2025

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

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)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI