

Special Issue

Drug Discovery and Novel Platelet Signaling in Thrombogenesis

Message from the Guest Editor

Cardiovascular disease remains the number world killer, worldwide. Despite significant progress in understanding platelet signaling in the last decade, much remains unknown or poorly understood. Furthermore, drug discovery research has lagged far behind, with the majority of efforts focused on known/existing drug targets. Indeed, aside from drug discovery in the context of the protease-activated receptor, there has not been any new targets with drugs that have been successfully approved by the Food and Drug Administration. This issue will focus on novel/new platelets signaling pathways or molecules that could serve as potential therapeutic targets and/or on drug discovery/rediscovery and development efforts for managing thromboembolic disorders. This Special Issue should be of interest to the general readership of the journal and is expected to serve as the foundation for guiding the discovery of the next generation of antithrombotic agents. Keywords:

- platelet
- thrombosis
- hemostasis
- drug discovery
- signaling
- occlusive disease
- cardiovascular disease

Guest Editor

Dr. Fadi Khasawneh

Department of Pharmaceutical Sciences Irma Lerma Rangel College of Pharmacy, Texas A&M University, 1010 West Avenue B, Kingsville, TX 78363-8202, USA

Deadline for manuscript submissions

closed (30 April 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/94011

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)