

Special Issue

Molecular Mechanisms of Toxic Hypercoagulation and Anticoagulation

Message from the Guest Editor

A variety of agents, organic (e.g., venom compounds, recombinant coagulation proteins) and inorganic (e.g., heavy metals) in nature, can inflict significant systemic morbidity and mortality via toxic hypercoagulability or anticoagulation. Characterization of the effects of such agents on fibrinolysis is also of interest. This Special Issue seeks to identify such agents, determine where within plasmatic or platelet mediated hemostasis they act, and employ novel approaches (e.g., viscoelastic methodology) to achieve these two goals. Review articles are welcome. Additional investigation to assess novel methods to attenuate pathological hypercoagulable or anticoagulated states is also sought by this issue.

Guest Editor

Prof. Dr. Vance G. Nielsen

Department of Anesthesiology, University of Arizona College of Medicine, Tucson, AZ 85719, USA

Deadline for manuscript submissions

closed (31 March 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/29156

*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)