

Special Issue

Proteins in Human Diseases: Molecular Insights into Drug Targets and Novel Therapeutic Modalities

Message from the Guest Editors

Proteins are fundamental biomolecules that modulate diverse cellular and molecular events in living organisms. Scientific studies have established that aberrant levels of proteins due to the dysregulation of gene transcription cause various pathophysiological dysfunctions in humans. In this regard, tremendous scientific endeavors and translational research efforts have been made to identify the functions of the involved proteins and to develop treatment modalities for disease management. This Special Issue will collect reviews, perspectives and opinions, and research articles covering various topics, with the aim to present less known molecular aspects of proteins that can be targeted to develop novel therapy modalities for various diseases. In this regard, as a former scientist in an academic institution and a current primary investigator in the industry, the editor urges his Colleagues to communicate outstanding research findings for publication in this Special Issue as a valuable contribution to protein science.

Guest Editors

Dr. Joo Hyoung Lee

Department of Pathology, The University of Alabama at Birmingham,
Birmingham, AL 35233, USA

Dr. Tae-Don Kim

Immunotherapy Research Center, Korea Research Institute of
Bioscience and Biotechnology, Yuseong-gu, Daejeon 34141, Korea

Deadline for manuscript submissions

closed (28 February 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/58496

*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*, 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.

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

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)