

Special Issue

Epigenetic Mechanisms and Human Pathology 4.0

Message from the Guest Editors

The recognition of epigenetic mechanisms has largely improved our understanding of human diseases. The term “epigenetics” refers to several molecular mechanisms that impact DNA expression without altering its sequence. Consequently, any alterations in these mechanisms may result in a whole range of human pathologie. The mostly reversible nature of epigenetic alterations provides grounds for developing novel treatment targets and personalized therapies.

This Special Issue of the International Journal of Molecular Sciences, entitled “Epigenetic Mechanisms and Human Pathology”, shall serve as a forum with which to present critical reviews and reviews of the state of the art, as well as original papers discussing the application of epigenetic approaches to the etiology, diagnostics, and therapy of a variety of diseases.

Contributions from leading international investigators will guarantee a broad and comprehensive analysis of potential epigenetic mechanisms as well as related clinical problems.

Guest Editors

Dr. Paweł Andrzej Karpiński

Department of Genetics, Wrocław Medical University, 50-368 Wrocław, Poland

Prof. Dr. Maria M. Sasiadek

Department of Genetics, Wrocław Medical University, 50-368 Wrocław, Poland

Deadline for manuscript submissions

closed (20 September 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/170621

*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)