



Epigenetic Mechanisms and Human Pathology 4.0

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:

20 September 2024

Message from the Guest Editors

Dear Colleagues,

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 pathologies. 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.





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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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