



Epigenetic Mechanisms and Human Pathology 3.0

Guest Editors:

Prof. Dr. Maria M. Sasiadek

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

Dr. Paweł Andrzej Karpiński

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

Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editors

Dear Colleagues,

Growing evidence indicates that addressing the direct effects of genetic and environmental factors might be insufficient to understand the mechanisms underlying the complexity of human pathologies. The recognition of epigenetic mechanisms has largely improved our understanding of human diseases. Epigenetic regulation of gene expression includes three main mechanisms, i.e., DNA methylation, histone modifications, and non-protein-coding RNAs (npcRNAs), which play a fundamental role in all molecular processes in living organisms.

This Special Issue entitled: “Epigenetic Mechanisms and Human Pathology” shall serve as a forum to present state-of-the-art and critical reviews, 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.

Prof. Dr. Maria M. Sasiadek
Dr. Paweł Karpiński
Guest Editors





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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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