



Cellular and Molecular Mechanisms of Cardiovascular and Metabolic Diseases 2.0

Guest Editor:

Dr. Paramjit S. Tappia

Asper Clinical Research Institute,
St. Boniface Hospital, Winnipeg,
MB R2H 2A6, Canada

Deadline for manuscript
submissions:
closed (30 June 2024)

Message from the Guest Editor

Cardiovascular and metabolic diseases, including obesity and diabetes, are major global health hazards that also represent increasing human and economic burdens. However, the underlying cellular and molecular processes that cause these abnormalities are not fully understood. Therefore, a complete understanding of the cellular and molecular mechanisms involved in their development could help in the introduction of novel strategies for an improved reduction in the risk/predisposition of such diseases in vulnerable and at-risk populations as well as better-quality treatment.

This Special Issue will focus on the cellular and molecular mechanisms of cardiovascular disease as well as metabolic diseases including obesity and diabetes. Since cardiovascular and metabolic diseases are linked and can occur concomitantly, an interplay or overlapping of some mechanisms may exist between these pathophysiological conditions, which may be of scientific interest. Overall, this Special Issue will be of value in the design of novel therapeutic interventions to reduce or reverse cardiovascular and metabolic diseases as well as assist in establishing improved approaches for their prevention.





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