



Molecular Pathways for Vascular Risk in Diabetes

Guest Editor:

Prof. Dr. Ramzi Ajjan

Leeds Institute for Cardiovascular
and Metabolic Medicine,
University of Leeds, Leeds, UK

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

Cardiovascular disease remains the main cause of morbidity and mortality in patients with diabetes. It is now generally acknowledged that diabetes is a continuum of various stages of the condition, with each having a different vascular risk. The reasons for the adverse vascular profile in diabetes are related to a combination of more extensive atherosclerotic disease coupled with an enhanced thrombotic environment.

This Special Issue is particularly interested in collecting research articles, comprehensive reviews, or short communications in the following topics, but all other related topics are welcomed.

1. Molecular mechanisms linking complements proteins with increased thrombosis risk, particularly in diabetes;
2. Hypoglycemia, glycemic variability, and vascular pathology in diabetes;
3. Novel insights into platelet function/dysfunction in diabetes: Implications for future anti-thrombotic therapies;
4. Inflammation and atherothrombosis: relevance in diabetes;
5. Molecular mechanisms for the vascular and cardiac benefits of sodium glucose transporter-2 inhibitors (SGLT2).



mdpi.com/si/70933

Prof. Dr. Ramzi Ajjan
Guest Editor

Special Issue



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