



SGLT2 Inhibitors: Emerging "Magic Bullets" beyond Glycemic Control

Guest Editor:

Dr. Anastasios Lymperopoulos

Laboratory for the Study of Neurohormonal Control of the Circulation, Department of Pharmaceutical Sciences, Nova Southeastern University, Fort Lauderdale, FL 33328-2018, USA

Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editor

Originally developed for restoring euglycemia in diabetes mellitus, SGLT2 inhibitors (SGLT2i's) are increasingly being demonstrated to exert beneficial effects in patients, extending beyond blood glucose regulation. A lot of information regarding the physiological effects and pharmacological mechanisms of SGLT2i`s remains to be obtained, necessitating more research to fully grasp their therapeutic potential.

On these grounds, this Special Issue of *IJMS* is focused on studies that explore the biological and pharmacological effects of SGLT2i`s in human physiology and disease. Investigations with a solid basic/molecular research foundation and/or translational potential are of particular interest, including papers exploring novel molecular and cellular mechanisms underlying the effects of these drugs, as well as pre-clinical investigations testing novel hypotheses that advance the molecular and clinical pharmacology of SGLT2 inhibitors. Original investigations, review articles, and short communications will all be considered. Purely clinical investigations are not suitable but clinical submissions with at least some component of molecular studies are quite welcome.





an Open Access Journal by MDPI

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

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.

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 (Organic 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