

Special Issue

Newer Antidiabetics and Cardio-Metabolic Health: From Pathophysiology to Treatment

Message from the Guest Editors

Cardiometabolic Medicine is an emerging scientific field, attracting physicians across the spectrum of medical specialties. It is clear that type 2 diabetes mellitus constitutes the metabolic pandemic of the 21st century, with pessimistic projections regarding its prevalence. In addition, type 2 diabetes mellitus is associated with several comorbidities, such as hypertension, dyslipidemia, atherosclerotic cardiovascular disease, heart failure, chronic kidney disease, obesity, nonalcoholic fatty liver disease and nonalcoholic steatohepatitis, hyperuricemia, and several others. During the last decade, welcome novel classes of antidiabetic drugs have arrived, which have provided remarkable cardiorenal benefits for individuals with type 2 diabetes mellitus, revolutionizing its therapeutic approach. This Special Issue will publish high-quality original articles addressing the evolving role of newer antidiabetics in cardiometabolic health in type 2 diabetes mellitus, from pathophysiology to treatment, emphasizing molecular pathways and their therapeutic implications. In addition, narrative reviews and systematic reviews will be considered for publication.

Guest Editors

Dr. Dimitrios Patoulas

Outpatient Department of Cardiometabolic Medicine, Second Department of Cardiology, Aristotle University of Thessaloniki, General Hospital "Hippokration", 57001 Thessaloniki, Greece

Dr. Nikolaos Fragakis

2nd Cardiology Department, Hippokration General Hospital, Aristotle University Medical School, Konstantinoupoleos 49, 54642 Thessaloniki, PK, Greece

Deadline for manuscript submissions

closed (31 March 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/168773

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

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

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)