

Special Issue

Diabetes: Molecular Mechanisms and Treatment

Message from the Guest Editor

This Special Issue aims to collate cutting-edge research and reviews that investigate the molecular underpinnings causing diabetes mellitus and novel treatment techniques. We welcome articles that investigate the genetic and epigenetic foundation of diabetes, the role of microRNAs and incretin hormones, and the most recent advances in targeted therapeutics and immunotherapy. The topics of interest include, but are not limited to, the following:

- Genetic and molecular pathways contributing to the etiology of type 1 and type 2 diabetes;
- Omics studies related to diabetes and its complications;
- Novel insights into the role of incretin hormones and microRNAs in diabetes;
- Innovative therapeutic methods, such as pharmacogenomics and precision medicine;
- Mechanistic investigations into monogenic, mitochondrial and syndromic diabetes.

Guest Editor

Prof. Dr. Marijn Speeckaert

Department of Nephrology, Ghent University Hospital, 9000 Ghent, Belgium

Deadline for manuscript submissions

closed (30 December 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/208819

*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)* 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.

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

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)