

Special Issue

Molecular Mechanisms of Diabetic Kidney Disease

Message from the Guest Editor

Diabetic kidney disease (DKD), as a major microvascular complication of both type 1 and type 2 diabetes mellitus (DM), accounts for over 40% of patients who reach end-stage renal disease and are referred to renal replacement therapies. Mitochondrial dysfunction plays many specific roles in the pathogenesis of DKD. The importance of mitochondria in the pathogenesis of DKD resides in both the tubulocentric view and the mitochondria-centric view. Mitochondrial injury to glomerular endothelial cells and podocytes is also important for the development of DKD. We particularly take an interest in original papers and reviews that report the relevance of molecular mechanisms involved in the pathogenesis of DKD.

Guest Editor

Prof. Dr. Ligia Petrica

Department of Nephrology, Centre for Molecular Research in Nephrology and Vascular Disease, "Victor Babes" University of Medicine and Pharmacy Timisoara, Timisoara, Romania

Deadline for manuscript submissions

closed (20 April 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/104673

*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 10.0
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 (Inorganic Chemistry)