

Special Issue

ABC Transporters in Human Diseases

Message from the Guest Editor

Dear colleagues, The aim of this Special Issue, “ABC Transporters in Human Diseases”, is to present, through original articles, reviews, and commentaries, the state-of-the-art of our current knowledge about the role of ABC transporters in human diseases and the proposed therapeutical options based on studies ranging from cell and animal models to patients. Topics may include, but are not limited to:

- Phylogeny of ABC transporters and conservation through species
- ABC transporters and multidrug resistance in cancer
- Defective ABC transporters and human diseases
- Regulation of the function of ABC transporters involved in multidrug resistance
- Targeted therapies to rescue the function of defective ABC transporters
- Cell and animal models for studying ABC transporters in health and disease
- Structural insights into the molecular mechanisms of ABC-related diseases and the interaction of drug candidates with ABC transporters
- Perspectives for diseases related with ABC transporter defects

Guest Editor

Dr. Thomas Falguières

Université Paris-Saclay, Inserm, Physiopathogénèse et Traitement des Maladies du Foie, FHU Hepatinov, 91400 Orsay, France

Deadline for manuscript submissions

closed (28 February 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/48170

*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)