

Special Issue

Wilson's Disease: Update on Pathophysiology and Therapeutic Strategies

Message from the Guest Editors

Since neurologist Kinnier Wilson described the clinical features of four patients with progressive lens degeneration and cirrhosis in 1912, many discoveries have been made that have led to an understanding of the genetic basis of Wilson's disease and the biochemical abnormalities underlying tissue damage and clinical symptoms.

However, early diagnosis of the disease and appropriate treatment and monitoring of side effects remain problematic. Many issues need to be clarified, including the causes of variability in the clinical picture of the disease, the varied response to treatment, and the deterioration of the neurological condition observed in some patients during treatment.

The aim of this Special Issue is to provide space for the latest research on molecular processes important in the pathogenesis of the disease and modifying the clinical picture, mechanisms of drug side effects, as well as the possibility of using innovative genetic, cellular, and molecular methods of treatment.

We invite you to submit various types of papers, including research papers, up-to-date review articles, hypotheses and commentaries.

Guest Editors

Prof. Dr. Grazyna Gromadzka

Medical Faculty, Collegium Medicum, Department of Biomedical Sciences, Cardinal Stefan Wyszyński University in Warsaw, Wóycickiego Street 1/3, 01-938 Warsaw, Poland

Dr. Adam Przybyłowski

Department of Gastroenterology and General Medicine, Medical University of Warsaw, Żwirki i Wigury Street 61, 02-091 Warsaw, Poland

Deadline for manuscript submissions

closed (20 March 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/203414

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

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)