Special Issue

Tau Pathology Mechanisms and Therapeutic Interventions

Message from the Guest Editor

This Special Issue provides a comprehensive overview of the latest advances in our understanding of pathological mechanisms of tau pathology in neurodegenerative diseases and possible therapeutic interventions that target such pathology. Key topics covered include molecular mechanisms of tau hyperphosphorylation, misfolding, neurotoxicity, and spreading across neuronal networks. The Special Issue further explores the diverse spectrum of tau pathologies (tauopatheis) and the recent developments in translational interventions aiming to improve clinical outcomes.

Guest Editor

Dr. Claudia Marino

Sealy Institute for Drug Discovery, Mitchell Center for Neurodegenerative Diseases, Department of Neurology, University of Texas Medical Branch at Galveston, Galveston, TX, USA

Deadline for manuscript submissions

31 January 2026



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/251311

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





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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)

