

Special Issue

Novel Osteoarthritis Pathogenesis and Management

Message from the Guest Editors

Osteoarthritis (OA) is a leading cause of chronic pain and disability in older adults. It poses a huge challenge to healthcare system and cause a heavy socioeconomic burden. Unluckily, there is no cure for OA until now.

Nowadays, OA is no longer considered as a simple wear-and-tear problem of articular cartilage. As a whole joint disease, the pathogenesis of OA involves a complex signaling interaction among multiple tissues and cells inside joint. In-depth understanding of signaling interaction in the context of OA development will lead a way towards the mechanism-based discovery of novel biomarkers and therapeutics for early detection and intervention of OA. In this special issue, we are inviting the submission of original and review articles.

Guest Editors

Dr. CHUNYI WEN

Department of Biomedical Engineering, The Hong Kong Polytechnic University, Hong Kong

Dr. Xavier Houard

Sorbonne Université, Paris, France

Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/78839

*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*, 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)