

Special Issue

Advanced Research on Matrix Metalloproteinases (MMPs)

Message from the Guest Editor

Matrix Metalloproteinases (MMPs) belong to the zinc-dependent superfamily of endopeptidases found in all cell organisms. They function as key regulators of many physiological and pathological processes through the degradation and remodeling of the extracellular matrix. Over the last few decades, increasing numbers of studies have supported the essential role of MMPs during embryogenesis when important developmental processes that require the modification of the extracellular environment take place. However, the involvement of MMPs in distinct morphogenetic events, such as cell migration and proliferation, cell polarity, angiogenesis, axon guidance, and synapse formation, necessitate further studies in order to understand the underlying molecular mechanisms that occur in the embryo. This Special Issue of the *International Journal of Molecular Sciences* focuses on the function of MMPs during embryonic development as well as their implications for diseases such as cancer and neurodegenerative disorders. We welcome both original research articles and review papers that deal with the molecular mechanisms underlying the role of MMP signaling during embryogenesis and disease.

Guest Editor

Dr. Cristina Sánchez-Camacho

Faculty of Biology, Department of Genetics, Physiology and Microbiology, Universidad Complutense de Madrid, 28040 Madrid, Spain

Deadline for manuscript submissions

closed (10 February 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/107631

*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)