

Special Issue

A Disintegrin and Metalloproteases (ADAMs): Activation, Regulation and Mechanisms of Catalysis

Message from the Guest Editor

The aim of this Special Issue of *IJMS* is to provide *novel insights* into the physiological and pathological functions of these membrane-anchored molecular *scissors*. To this end, we welcome experts in the field to contribute research articles and critical reviews on molecular mechanisms involved in the regulation of these fascinating enzymes, such as how they target their substrates, how they are activated, and their functions in development and disease, with special attention paid to their potential as therapeutic targets in areas such as inflammatory and metabolic disorders, cancer, and autoimmune diseases.

Guest Editor

Dr. Thorsten Maretzky

1. Inflammation Program, Roy J. and Lucille A. Carver College of Medicine University of Iowa, Iowa City, IA 52242, USA
2. Department of Internal Medicine, Roy J. and Lucille A. Carver College of Medicine University of Iowa, Iowa City, IA 52242, USA
3. Holden Comprehensive Cancer Center, University of Iowa, Iowa City, IA 52242, USA

Deadline for manuscript submissions

closed (15 March 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/42217

*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)