

Special Issue

Invertebrate Models in Innate Immunity and Tissue Remodeling Research

Message from the Guest Editors

We would like to invite you to contribute to this Special Issue of the *International Journal of Molecular Sciences* (Impact Factor 4.556) on "Invertebrate Models in Innate Immunity and Tissue Remodeling Research".

Inflammation, innate immunity, homeostasis, and tissue repair are functionally linked and highly conserved processes. Due to the strict laws and guidelines that allow for and control the use of animals in scientific experimentation, the number of available animal species has been significantly reduced. Therefore, this Special Issue will bring together original research articles and reviews on cells and mechanisms involved in immunity, the regulation of inflammation and tissue regeneration processes, and molecules and immunity effectors with high biotechnological potential using invertebrates as complementary animal models, which are free of significant ethical considerations in relation to their use and regulatory restrictions, cost-effective, and easy to manipulate.

Guest Editors

Dr. Annalisa Grimaldi

Dr. Maria Giovanna Parisi

Dr. Nicolò Baranzini

Deadline for manuscript submissions

closed (31 May 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/58528

*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)