

Special Issue

Host Immune Responses to Viral Infections

Message from the Guest Editor

Disease outbreaks usually stem from a disruption of the balance between the host and the pathogen. Hosts develop an immune response to viral invasion, and viruses can evade clearance by the host immune system through a variety of mechanisms. The study of host-virus interactions can provide insights into the mechanisms of infection and help solve problems associated with infectious diseases. Despite the large number of studies that have been conducted, our understanding of viral pathogenesis and host response mechanisms remains inadequate. We welcome original research, reviews and opinion articles from authors covering, but not limited to, the following subtopics:

- Molecular basis of host-virus interactions;
- Virus invasion and pathogenesis and host immune response;
- Immune evasion of viruses;
- Host immune homeostasis during viral infection;
- Strategies for the prevention, control and therapeutic treatment of viral diseases.

Guest Editor

Prof. Dr. Xiaopeng Xu

State Key Laboratory of Biocontrol, School of Life Sciences, Sun Yat-sen University, Guangzhou 510275, China

Deadline for manuscript submissions

closed (30 December 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/207631

*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)