



Parasite Biology and Host-Parasite Interactions

Guest Editors:

Prof. Dr. Michael Stear

Department of Animal, Plant and
Soil Sciences, La Trobe
University, Bundoora 3086,
Australia

**Dr. Katarzyna Donskow-
Lysoniewska**

Department of Experimental
Immunotherapy, Faculty of
Medicine, Lazarski University, 02-
662 Warsaw, Poland

Deadline for manuscript
submissions:

closed (29 November 2023)

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce the launch of a new Special Issue of *IJMS* on “Parasite Biology and Host-Parasite Interactions”.

Protozoan and metazoan parasites are a major cause of disease and death in humans and in domestic animals, including livestock and wildlife. Host-parasite interaction is complex, with the host immune response recognizing hundreds of parasite molecules and parasites using multiple mechanisms and producing multiple molecules to manipulate the immune system. Nonetheless, there has been steady progress in understanding and controlling parasite infections.

This Special Issue will bring together original research articles and reviews to examine our knowledge of parasite biology, observe the interactions between hosts and parasites, describe progress in parasite control, and highlight approaches that are proving to be productive. The focus is on molecular interactions, but clinical submissions with biomolecular experiments are welcomed.





an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI