

Special Issue

Molecular Mechanisms of Parasitic Diseases

Message from the Guest Editor

Genetic studies in animal models of infection and human infectious diseases may provide a deeper biological understanding of why only a fraction of infected individuals progress to clinical disease, while the majority generally remain asymptomatic. What constitutes protective immunity? Studying human genetics in the context of infectious diseases may elucidate the mechanism underlying protective immune responses. While it is known that the presence of a pathogen is necessary to trigger disease, the genetic basis underlying interindividual susceptibility remains poorly understood in most infectious diseases. For this Special Issue, "Molecular Mechanisms of Parasitic Diseases", we invite the submission of manuscripts that investigate the pathogenesis of parasitic infections at both the cellular and host levels. Studies focusing on cellular biology, animal models and clinical investigations and examining the determinants of parasitic disease progression are welcome. We also encourage the submission of human genetic and immunological studies on the mechanisms causing only a subset of individuals to develop symptomatic parasitic infections, despite widespread exposure.

Guest Editor

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Deadline for manuscript submissions

30 October 2025



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/241557

*International Journal of
Molecular Sciences*
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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.

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