



SPECIAL ISSUE ON

Advances in Molecular Parasitology: From Fundamental Biology to Translational Research



ABOUT THIS SPECIAL ISSUE

Molecular parasitology has transformed our understanding of parasite biology and the complex interactions between parasites and their hosts. Recent advances in genomics, transcriptomics, proteomics, molecular diagnostics, and gene-editing technologies have accelerated the discovery of novel therapeutic targets, improved disease surveillance, and enhanced strategies for parasite control.

This Special Issue aims to provide an international platform for publishing high-quality research that advances both the fundamental and translational aspects of molecular parasitology. We invite original research articles, comprehensive reviews, short communications, and methodological studies that contribute to improving the understanding, diagnosis, prevention, and treatment of parasitic diseases affecting both humans and animals.

Researchers from academia, research institutes, hospitals, public health organizations, and industry are encouraged to submit their latest findings.



GUEST EDITOR

Dr. Amani Alhejely

Assistant Professor

Department of Biology

Jazan University



IMPORTANT DATES



Submission Opens

15 August 2026



Manuscript Submission Deadline

15 November 2026



First Decision

**Approximately 2–3 weeks
after submission**



Publication

Articles will be published online immediately after acceptance and production.



SCOPE OF THE SPECIAL ISSUE

Topics of interest include, but are not limited to:

- Molecular mechanisms of parasite biology
- Parasite genomics and comparative genomics
- Transcriptomics and epigenetics
- Proteomics and metabolomics
- Host-parasite interactions
- Immunoparasitology
- Molecular epidemiology
- Molecular diagnostics and biomarker discovery
- Drug discovery and antiparasitic resistance
- Vaccine development
- CRISPR and genome editing technologies
- Bioinformatics and computational parasitology
- Parasite evolution and population genetics
- Emerging molecular technologies in parasitology
- Translational research in parasitic diseases
- One Health approaches to parasitic infections
- Vector biology and parasite transmission
- Zoonotic parasitic diseases



SUBMISSION INFORMATION

All manuscripts will undergo an initial editorial assessment followed by independent peer review in accordance with the journal's editorial policies. Submitted manuscripts must be original, unpublished, and not under consideration elsewhere.



SUBMIT YOUR MANUSCRIPT

<https://goajs.com/submitmanuscript>



Email: submissions@goajs.com



ARTICLE TYPES

The Special Issue welcomes:

- ✓ Original Research Articles
- ✓ Review Articles
- ✓ Short Communications
- ✓ Case Studies
- ✓ Technical Notes
- ✓ Perspectives



WHY SUBMIT TO THIS SPECIAL ISSUE?

Authors will benefit from:

- ✓ Rigorous and constructive peer review
- ✓ Rapid editorial assessment
- ✓ International visibility through open access publication
- ✓ Publication within a focused collection dedicated to molecular parasitology
- ✓ Wide dissemination among researchers, clinicians, and public health professionals
- ✓ Promotion through the journal's communication channels after publication

