

Special Issue

New Insights in *Acanthamoeba*

Message from the Guest Editor

Dear colleagues, Parasite biology, genetic diversity, environmental spread, and host susceptibility, among other factors, play an important role in *Acanthamoeba* infections. In the ecosystem, protozoa such as *Acanthamoeba* influence the structure of the microbial community and enhance nutrient recycling. Moreover, *Acanthamoeba* is capable of acting as Trojan horse for other potential human microbes, including viral, bacterial, protist, and yeast pathogens, increasing the human health risks. However, the exact nature of symbiosis and the benefits it represents for the amoeba host are still unknown. Therefore, in spite of the large knowledge on these protozoa, we still need to clarify some aspects related to their pathogenesis and biology or their relationships with other microorganisms, which could better explain their invasion mechanisms and prevent *Acanthamoeba* infections. For this Special Issue of *Pathogens*, we invite you to submit a review or research article related to *Acanthamoeba* genus. We look forward to your contribution.

Guest Editor

Dr. María Reyes Battle

University Institute of Tropical Diseases and Public Health of Canary Islands. University of La Laguna

Deadline for manuscript submissions

closed (30 March 2022)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/52371

Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)





Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)



About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine, Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007, Houston, TX 77030, USA

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, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)