

## Special Issue

# Toxoplasma Infection: Current Problems, Progress and New Challenges

### Message from the Guest Editors

*Toxoplasma gondii* is one of the most evolutionarily successful pathogens on earth. Recent years have seen the unprecedented uncovering of the global genetic diversity of *T. gondii*, which aids in the development of treatment methods. However, while effective in treating *T. gondii* tachyzoites, current drugs are virtually impotent against cyst-enclosed bradyzoites. Searching for compounds with high efficacy and low toxicity is a primary challenge. Progress has been made in developing multiple classes of vaccines including DNA vaccines, nanoparticles, and virus-like particle vaccines. Besides, vaccination of definitive hosts could be a promising route of transmission-blocking.

We invite papers of diverse study designs, including case reports, case series, cohort studies (prospective or retrospective), diagnostic accuracy studies, viewpoints, position papers, guidelines, reviews, systematic reviews, meta-analyses. Moreover, we invite papers focusing on therapeutic, or preventive interventions, human, animal or in-vitro studies; papers focusing on diverse patient populations (immunocompetent or immunocompromised patients, pregnant women, fetus/newborns/infants)

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### Guest Editors

Dr. Tiantian Jiang  
Dr. Despina G. Contopoulos-Ioannidis  
Dr. Shwab Keats

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### Deadline for manuscript submissions

closed (15 December 2023)



## Pathogens

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Impact Factor 3.3  
CiteScore 6.8  
Indexed in PubMed



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## 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.

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### Editor-in-Chief

Prof. Dr. Moriya Tsuji

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