

# Special Issue

## Immunopathology of *Toxoplasma gondii* Infection

### Message from the Guest Editors

*Toxoplasma gondii* is an apicomplexan parasite found throughout the world and the etiologic agent of toxoplasmosis. This parasite is of major human clinical importance since it causes serious complications from the fetus to adulthood, namely when primary infection or reactivation occurs in pregnant women and immunocompromised individuals. Its pathology varies according to several factors, including the genotype and immunological status of the host, parasite genotype, and virulence factors. There still no human vaccines available and the current chemotherapy lacks efficacy against tissue cysts, with safety concerns due to the induction of adverse side effects associated with poor compliance within patients.

This Special Issue of *Microorganisms* aims to present a collection of articles that highlight research in the field of toxoplasmosis. Manuscripts covering all aspects of research relating to toxoplasmosis are welcome, including work from applied areas, such as novel drug targets and respective promising compounds, vaccines avoiding parasite invasion, proliferation and persistence and, thus, pathogenesis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2021)



## Microorganisms

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## About the Journal

### Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).