

Special Issue

Recent Advances in *Trypanosoma cruzi* Infections

Message from the Guest Editor

We seek original research, reviews, and brief reports that cover, but are not limited to, the following topics:

- The application of lipid and protein mediators in *T. cruzi*-induced cardiovascular damage.
- Research into therapies with synthetic or natural compounds or even with current routine medicines to evaluate their efficacy on parasite control, immune response, and clinical status.
- Research involving host–parasite interactions.
- Investigations of knockdown or overexpression of genes related to the immune response during the pathogenesis of human or experimental Chagas disease.
- Research involving signal transduction during *T. cruzi* infection.
- New interventional propositions (dietary, physical exercise, and alternative therapies) with consistent immunopathological and/or clinical data to promote the benefits to the lifestyle of the infected host.

Guest Editor

Prof. Dr. André Talvani

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Deadline for manuscript submissions

closed (1 December 2022)



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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.

Editor-in-Chief

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Rapid Publication:

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).