Special Issue

Advances in Leishmania Research: From Basic Parasite Biology to Disease Control

Message from the Guest Editors

Leishmaniases are a group of vector-borne diseases caused by more than 20 *Leishmania* species. There are three main forms of the disease: cutaneous leishmaniasis (CL), visceral leishmaniasis (VL), and mucocutaneous leishmaniasis. More than 1 billion people live in areas endemic for leishmaniasis and are at risk of infection. Considering the inexistence of vaccines in humans, disease control requires active treatment and prophylaxis. Unfortunately, the available therapeutic options and disease management is suboptimal, contributing to a yearly death toll of more than 20,000. Although VL is considered the most severe form of disease, each form presents specific unmet challenges that can only be overcome by a better understanding of parasite biology, ecology, and disease process. In this Special Issue of *Microorganisms*, we invite you to send original contributions in *Leishmania* research including, but not limited to, the following:

- basic parasite biology
- drug and vaccine development
- host–parasite interactions
- epidemiology
- leishmaniasis control

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2022)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/93140

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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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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).

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