



Molecular and Multi-OMICS Approaches to Study Leishmania Parasites

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Message from the Guest Editors

This Special Issue of *Microorganisms* aims to gather relevant research from world leading experts in the field of Leishmaniasis. We would like invite you to contribute original research articles and reviews, covering different aspects of Leishmania research, including molecular and cell biology. Specifically, multi-OMICS approaches including genomics, proteomics, proteogenomics and bioinformatics to unravel Leishmania biology. Articles focused on the following aspects are highly encouraged:

- Genomics and improvements in genome annotations
- Nutrient uptake and transport
- Leishmania life stage specific differentiation
- Subcellular organellar biology
- Leishmania-vector interaction
- Anti-leishmanial activity and drug resistance
- Post kala-azar dermal leishmaniasis and cutaneous leishmaniasis
- Cellular signalling in Leishmania parasites





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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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