



New Advancements in the Field of Leishmaniasis

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Deadline for manuscript
submissions:

closed (31 March 2025)

Message from the Guest Editors

Today, an estimated 700,000 to 1 million new cases of Leishmaniasis still occur annually, with a consequent significant disease burden. We still do not understand completely the determinants of parasite transmission and disease. There is, consequently, the need, not only to better understand the individual parasite-vector, vector-host, and host-parasite interfaces in Leishmaniasis, but also to integrate them as a whole.

In line with this, the aim of this Special Issue is to compile studies that describe new advances in the field of Leishmaniasis, either focusing individually on the Leishmania-sand fly or Leishmania-host interfaces, or on the integration of the vector-host-pathogen triad. Original research articles and reviews are welcome.

Topics include, but are not limited to:

Determinants of vector competence;

The development of Leishmania parasites in the sandfly midgut;

The characteristics of the infectious inoculum at the time of transmission;

Parasite tissue tropism in the host;

Determinants of infection in asymptomatic versus disease conditions;

Developments in in vitro and animal models of Leishmaniasis;

New anti-Leishmania drug targets;





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Message from the Editor-in-Chief

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