

Special Issue

Antileishmanial Agents

Message from the Guest Editor

Leishmaniasis, a neglected tropical disease transmitted by sandflies, inflicts a substantial global health burden, particularly in tropical and subtropical regions. The intricate life cycle of *Leishmania* parasites, alternating between insect vectors and mammalian hosts, poses significant challenges in disease control and treatment. To combat this pressing health concern, fostering collaborative research to elucidate the parasite's physiology, biochemistry, and regulatory pathways is imperative. A deeper understanding of these mechanisms is crucial for identifying novel drug targets and designing efficacious therapies. This Special Issue seeks to provide a platform for disseminating high-quality reviews and original research articles that propel advancements in leishmaniasis drug discovery. The scope encompasses a broad spectrum of topics related to drug target identification, drug design, and model testing. We especially welcome submissions that employ cutting-edge approaches, such as high-throughput screening, molecular docking, and structure-based drug design. You may choose our Joint Special Issue in *Microorganisms*.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Microbiology Research (ISSN 2026-7481) is an international, scientific, open access journal primarily focused on research examining the complex interplay among microorganisms and citizens, animals and the environment in a holistic one-health approach. The topics covered in the journal include, but are not limited to: Antibacterials and antimicrobials, Virology, Bacteriology, Microbiomes, Veterinary microbiology, Food microbiology, Agricultural microbiology, Yeast microbiology, Foodborne diseases, Infectious diseases, Fungal diseases. We would also like to include the topics from basic and translational medicine which aim to develop an understanding and treatment of major diseases in humans and animals.

Editor-in-Chief

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