Special Issue

Leishmaniasis: Pathophysiology, Diagnostics and Current and Emerging Therapeutic Approaches—2nd Edition

Message from the Guest Editor

Treatment remains the cornerstone of leishmaniasis control strategies; but to date, only three first-line drugs are available: antimony, amphotericin B and miltefosine. The drug of choice during treatment—antimony—was introduced into the therapeutic arsenal at the beginning of the last century. A lack of methodological standardization in clinical studies, a diminished therapeutic arsenal, drug toxicity and drug resistance are considered to be the major challenges hindering the progress of therapeutics. We cordially invite submissions of basic and translational original research and review papers that address various aspects of leishmaniasis:

- New and innovative therapeutic interventions to treat;
- Novel diagnostic tools;
- Novel biomarkers for disease morbidity;
- Mechanism of pathophysiology, drug action and resistance.

Guest Editor

Prof. Dr. Raimunda Nonata Ribeiro Sampaio

Dermatology Service, University Hospital of Brasília, Faculty of Medicine, University of Brasília, Brasília, DF, Brazil

Deadline for manuscript submissions

31 March 2026



an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/248635

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

mdpi.com/journal/ biomedicines





an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed





About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access iournal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

- Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
- 2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 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).