

Special Issue

Formulation Development for Treatment of Tropical Diseases

Message from the Guest Editors

Many tropical diseases, a term that includes both diseases of poverty, like malaria, and the neglected tropical diseases, like leishmaniasis, Chagas disease, and mycetoma, are in urgent need of new treatments.

Formulation development, aimed at optimizing drug exposure at the biophase, has been a central part of the search for new treatments with varying levels of success. Nanotechnologies masking suboptimal API properties have been the key to treatment advances for visceral leishmaniasis. Another form of this disease, cutaneous leishmaniasis, has focused research on topical formulations. The multi-drug treatments for malaria and tuberculosis, with the demands for patient compliance and adherence, have ensured that co-formulations of fixed-dose combinations are to the fore. This Special Issue presents articles describing the performance of novel antimicrobial, antiprotozoal, and anthelmintic formulations and nanomedicines administered by both systemic and local (topical, mucosal, or inhalation) routes, to optimize delivery and efficacy while ensuring minimal side effects.

Guest Editors

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