

Special Issue

Drug Delivery Systems for Treatment of Leishmaniasis

Message from the Guest Editors

Leishmania is a protozoan responsible for leishmaniasis, a disease that is transmitted to vertebrate hosts through the bite of female sand flies. This parasite has a dimorphic life cycle, consisting of intracellular amastigote and free promastigote forms. The amastigote multiplies in the cytoplasm of macrophages of vertebrate hosts causing the clinical effects of leishmaniasis. Leishmaniasis is classified as cutaneous, mucocutaneous or visceral depending on the tissues infected. Despite its severity and increasing diffusion, no efficient therapy with low toxicity and side effects is currently available. Alternative and innovative treatments such as local and self-administering therapies, treatments combining several drugs and different administration routes, and drug repurposing through new nanotechnological delivery systems are needed to overcome these drawbacks. We are pleased to invite you to submit your work related to (new) drugs against leishmaniasis and/or different strategies to administer them. Original research articles and reviews are welcome.

Guest Editors

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