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Diagnosis, Epidemiology, and Control of Lymphatic Filariasis

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Deadline for manuscript
submissions:

closed (28 August 2023)

Message from the Guest Editors

This Special Issue has been framed to assemble up-to-date information related to this neglected tropical disease. Despite widespread drug administration (MDA), this disease is still prevalent in certain geographical areas. Therefore, updated epidemiological understanding is necessary for therapeutic intervention. On the other hand, efficient diagnostic strategies are lacking. The only detection kits available are not potent enough to diagnose co-infection if any is present. This failure of detection can be a major cause behind the adverse effects of drug administration. However, the specific aim of this issue is not only diagnosis and the epidemiological study of this parasitic disease, but also identification of controlling measures. Presently available therapeutics are not promising enough when it comes to killing the adult parasites inside the host. Thus, there is an urgent need for potent adulticidal drugs as well. In addition to these, we will also be interested in including preliminary overviews of the clinical trials going on, vaccine development, and studies on host–parasite interactions.



mdpi.com/si/164037

Special Issue