



Drug Discovery, Drug Targets, Biomarkers and Biological Models for Diseases Caused by Parasitic Helminths

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Parasitic nematodes, trematodes, cestodes, and flatworms together infect more than a billion humans worldwide every year, but research into their biology and treatment remains neglected. The diagnosis of infections and their treatment are the two key components in reducing the disease burden caused by these parasites. The recent advances in the genomics, transcriptomics, proteomics, and glycomics of parasites as well as their hosts and vectors has accelerated the research in these areas. The successful use of antibiotics against endosymbionts such as *Wolbachia* in some filarial parasites has also emerged as another promising avenue in the search for new drug targets. In addition, the effects of the host and parasite microbiota on the disease dynamics continue to be explored.

This Special Issue focuses on the latest advances in the diagnosis of infections, the development of new drugs and drug candidates for use in humans and animals, and basic research on helminthic parasites using various lab models. Authors are invited to submit original research articles or comprehensive reviews on any of these areas.





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Message from the Editor-in-Chief

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