# **Special Issue**

# Drug Discovery and Evaluation for the Treatment of Parasitic Infections

# Message from the Guest Editors

The potential topics of this thematic issue can cover research papers or reviews dealing with: Screening of antiparasitic activity of secondary metabolites and other specific molecules from higher plants and low organisms on in vitro parasitic models. Rational approach to drug discovery focussing on molecules interfering with specific molecular targets in parasites (for example, inhibitors of receptors, signalling pathways, proteins of the mitochondrial respiratory chain, antioxidants or other types of enzymes, parasitic microRNAs, etc.). Compounds developed by a medicinal chemistry approach, structure-based drug discovery targeting pathogens, chemically modified molecules using natural motifs, innovative drug formulations, repurposing of drugs. Validation of the in vitro-detected antiparasitic activities of selected compounds on the experimental diseases using mouse or other models. Evaluation of the immunomodulatory effects towards the elevation of drug efficacy. Combination therapy as a means to maintain in vivo the synergistic ratio of the drugs combination by co-incorporation of both immunomodulatory and chemotherapeutic agents.

## **Guest Editors**

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## Deadline for manuscript submissions

closed (31 October 2022)



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# Message from the Editor-in-Chief

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We hope to handle your contribution to *Pharmaceuticals* soon.

#### Editor-in-Chief

#### Prof. Dr. Amélia Pilar Rauter

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