

Special Issue

Latest Research in Parasitology: Unlocking Mechanisms, Developing Solutions

Message from the Guest Editors

Parasitology research plays a crucial role in understanding and mitigating the impacts of parasitic organisms on human, animal, and environmental health. Some parasites have zoonotic potential, emphasizing the importance of a One Health approach to studying their dynamics. The development of drug resistance among parasites, such as *Plasmodium* spp., underscores the need for innovative therapeutics and alternative treatment strategies. Parasitology research is essential in tackling pressing health and environmental challenges, promoting sustainable development, and improving quality of life. This Special Issue will showcase cutting-edge research and advancements in parasitology, highlighting the significance of this field in addressing global health challenges, ecological dynamics, and issues in the veterinary sciences. Key areas of interest include molecular and cellular parasitology, host–parasite interactions, immune response and pathogenesis, parasite omics, novel drugs and therapeutic targets, veterinary parasitology, and the One Health approach.

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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