

Special Issue

Current Insights into Host-Parasite Interactions

Message from the Guest Editor

Parasitism is the most common behavioural strategy on Earth and the ancient co-evolutionary arms race between host and parasite (or pathogen) is responsible for the evolution of the host immune system, as well as the vast arsenal of weapons pathogens use to infect hosts. This interaction warrants further attention as bacteria, nematodes, trematodes (to name a few) severely affect human health, agriculture, and biodiversity. In this wide-ranging Special Issue, we aim to gain insights into the interactions between a broad range of hosts and their parasites/pathogens. Submissions are encouraged from researchers who study behavioural responses of hosts to parasites, host immunity, molecular mechanisms of pathogenicity, microbiome changes in hosts (or parasites), genomic/genetic studies examining host or parasite responses, bacterial symbiosis, or diversity and population genetic studies. Studies on parasites/pathogens of invertebrates are particularly welcome, as well as those of mammals.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)



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About the Journal

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.

Editor-in-Chief

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