

Special Issue

Plasmodium falciparum: Host-Parasite Interaction

Message from the Guest Editors

Despite great progress through control programs, malaria remains one of the most important infectious diseases with about 400,000 deaths per year. The complications caused by malaria infection are multifactorial in origin; both the parasite and the host contribute. Of central importance is the cytoadhesion of erythrocytes infected with *Plasmodium falciparum* to endothelial cell receptors of the vessels of vital organs. In addition to blocking the capillaries, endothelial dysfunction and inflammation occur in the affected tissue. In order to enable new therapeutic approaches, it is, therefore, of great importance to understand in detail the interaction between the parasite *Plasmodium falciparum* and its human host. This Special Issue of *Microorganisms* invites researchers to present recent reviews and new original research on "*Plasmodium falciparum*: Host-Parasite Interaction", including pathogenicity, parasitology, immunology, cell biology and gene expression.

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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.

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