



Epidemiology, Surveillance, and Control of Frontier Malaria

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Message from the Guest Editors

Dear Colleagues,

Malaria parasites are introduced and move between villages, municipalities, country borders, and continents mainly due to human mobility. Detecting a malaria patient can be difficult in areas with low parasitemia. Meanwhile, resistance to commonly used insecticides and to antimalarial drugs has been emerging in various areas. Genetic and genomic studies are indispensable to prevent and control malaria.

This Special Issue welcomes manuscripts from different disciplines of human malaria, including but not limited to:

1. Malaria diagnosis and treatment in communities with unstable malaria
2. Evaluation of malaria treatment in areas with several endemic malaria species
3. Genetics or genomics studies to solve issues of frontier malaria.
4. Vector susceptibility and resistance to insecticides
5. Vector susceptibility to malaria species, and transmission dynamics
6. Monitoring drug resistance
7. Artificial intelligence in malaria control or elimination
8. Studies on protective immunity and vaccines
9. Analysis of compiled malaria records and recommendations
10. Management of resistance to insecticides





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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