

Malaria: The most tropical and endemic ailment

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ABSTRACT:

Malaria is a potentially fatal ailment that is caused by *Protozoa* of the genus *Plasmodium*. Of all the species of the parasites that affects humans *Plasmodium falciparum* is by far the most virulent. Others with less lethal strains are *Plasmodium ovale*, *Plasmodium malariae*, *Plasmodium berghei* and *Plasmodium vivax*. They can exist as a latent *Hypnozoites* in the liver for months to years after initial infection. With the current increase in global warming, it has been predicted that endemic areas covered by the malaria vector *Anopheles* will increase the species and cause a wider transmission of malaria parasites that are resistant to most conventional antimalarial drugs. The 2017 World Health Organization malaria reports estimates that 40% of the world population is at the risk of the ailment. An estimated 1.2 billion are at high risk of transmission and half of which live in sub-Saharan African regions. 80% of such cases are concentrated in 13 countries and over 50% are in Nigeria, Congo, Ethiopia, Tanzania, Uganda, Equatorial Guinea, Mali, Niger and Kenya.

Biography:

Nuhu is a professor of the Department of Chemistry Jomo Kenyatta University of Agriculture and Technology, Kenya



Publications:

1. Nanoparticles and Its Implications in HIV/AIDS Therapy.
2. A Reemerging Lassa Virus: Aspects of Its Structure, Replication, Pathogenicity and Diagnosis.
3. Hbsag and Anti-Hcv Prevalence among Apparently Healthy Population in Central Nigeria: A Pilot Study.
4. Antibiotic susceptibility profile of *Staphylococcus aureus* from door handles in Nasarawa State University, Keffi, Nigeria.
5. *Ascaris lumbricoides* Infection Using Microscopy and IgG4 Detection Techniques in a School Children Population in Central Nigeria: An Epidemiological Study

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