



Wema Sudi Said, BSc.

Mr. Wema Sudi Said is a Senior Lab. Technologist at NIMR Amani Centre Muheza Tanga, Tanzania.

At NIMR Amani Centre: He is a Supervisor of the NIMR Amani Centre Insectary and Animal house which serves the requirement of the Testing facility and different program and surveys in both laboratory and field sites. As a scientific colleague Mr **Wema Sudi Said** is also full involved in the on-going research projects at the centre and currently is one of the IVCC-GLP Projects staff for the accreditation of the NIMR Amani Centre, and as one the GLP Centres for the evaluation of novel vector control tools in Africa.

Mr. Wema has over Fifteen (15) Years' experience in assisting Entomological field surveys with Extensive knowledge in mosquito larvae and adult sampling and characterization techniques for Malaria vector control. **His Professional skills include**

Culturing/Rearing of insectary mosquito colonies for research purpose

Perform tests for Keeping Mosquito profiles, Mosquito Fitness and Resistance testing

Collection/transportation of field strain mosquitoes for resistance monitoring

Perform morphological sorting and identification of field strains using Key (both Anopheles gambiae complex and other anophelines)

Formulate/Optimize application and impregnation of insecticides for testing

Perform Cone bioassays/Susceptibility /tunnel/irritability tests for testing efficacy of insecticides and detection of mosquito resistance on insecticides.

Perform bottle bioassays/synergist tests for both intensity and synergist study

Perform tests & procedure for extraction of DNA for resistance monitoring

Perform PCR & KDR procedure for speciation of Malaria vector.

In addition, he was part of Research work and collaboration between NIMR Amani Centre and its key partners that successfully implemented several projects. These include, Evaluation of PermaNet 3.0 a deltamethrin-PBO combination net against Anopheles gambiae and pyrethroid resistant Culex quinquefasciatus mosquitoes: an experimental hut trial in Tanzania in Jan 2010.

Efficacy of Interceptor® G2, a Long-Lasting Insecticide Mixture Net Treated with Chlorfenapyr and Alpha-Cypermethrin Against Anopheles Funestus: Experimental Hut Trials in North-Eastern Tanzania in April 2021, Phase III evaluation of the insecticidal efficacy and durability of a deltamethrin-treated polypropylene long-lasting net LifeNet®, in comparison with long-lasting nets made from polyester and polyethylene: Study protocol in Dec 2016

“Phase III evaluation of the insecticidal efficacy and durability of a deltamethrin treated Bio-efficacy and wash-fastness of a lambda-cyhalothrin long-lasting insecticide treatment kit (ICON® Maxx) against mosquitoes on various polymer materials in Sep 2021 and An experimental hut evaluation of Olysetnets against anopheline mosquitoes after seven years use in Tanzanian villages

In Feb 2008 to mention a few.

Wema Sudi Said is a Licenced Practitioner Under Health laboratory practitioners' council of Tanzania with Registration No. RPF. 3234, Member of Medical Laboratory Scientist Association (MeLSAT), Member of Pan African Malaria Vector Control (PAMVEC), Member of Tanzania Nutritionists and Dietician Association.