

## **Hamadi Akida Mahimbo BSc (Hons)**



Mr. Hamadi Akida Mahimbo, is a Senior Laboratory Scientist working with the National Institute for Medical Research, Amani Medical Research Centre. He has a Bachelor of Science degree in Biotechnology and laboratory Sciences from the Sokoine University of Agriculture (SUA) currently working in the molecular biology Unit as Molecular biologist.

Being a Laboratory Scientist, Mr. Mahimbo participated in several research projects, training, and seminars that developed his technical skills both inside the laboratory and in the fieldwork basically on mosquito vector control knowledge that including mosquito sorting, identification, and detection of physiological status, molecular assays such a polymerase chain reaction (for mosquito genotyping and identification of insecticide resistance markers, infection analysis, and blood meal index) and biochemical assays and immunoassays such as enzyme-linked immunosorbent assay (ELISA) and also gained extensive knowledge on the biology and ecology of malaria vector.

Mr. Mahimbo worked on different Malaria surveillance projects such as the detection and monitoring of insecticide resistance in malaria vectors and arboviral vectors in different regions of Tanzania's mainland, evaluation of vector control tools such as long-lasting insecticidal nets (LLINs) and Indoor Residual Spray (IRS) in Mainland Tanzania.

He enjoys self-improvement and learning new things which drives him to build a positive attitude towards work and makes him a great person by contributing a lot to human research and public health