



Dr. Zachariah Ephraim Makondo graduated from the College of Veterinary Medicine and Biomedical Sciences (CVMBS) at [Sokoine University of Agriculture \(SUA\)](#) in 2002 with the [Bachelor of Veterinary Medicine](#). In 2009, he was awarded a [Master of Preventive Veterinary Medicine](#) of SUA. His MSc work focused on the social economic studies of Contagious Bovine Pleuropneumonia (CBPP) in Central Tanzania. He pursued studies in Public Health and Molecular Epidemiology at SUA and awarded a PhD in 2015. In 2009, Makondo joined the the Ministry of Livestock and Fisheries as a Veterinary Researcher working on disease surveillance, diagnostic and preventive medicine including studies on antimicrobial resistance. Through financial support from the Defense of Threat Reduction Agency, Sandia National Laboratories, International Federation of Biological Safety Associations and Center for Biothreats Finland, Makondo leads team as a Principal Investigator in Tanzania to design and develop zoonotic infectious diseases biodetection methodologies and train staff on biosafety and biosecurity subjects. He has and serves as a member of several Technical Working Groups and multisector Coordination Committees on antimicrobial resistance and biorisk management such as the national biosafety committee. He attended a number of short training courses on risk analysis, biosafety and biosecurity management, One Health, diagnosis and management of Transboundary and Infectious Disease in Africa, Europe and United States. Makondo has authored and co-authored more than 50 articles in peer-reviewed journals and has long-standing experience in project management on biothreats and infectious diseases, one health approach, quality and biorisk management. Makondo held different administration posts including Head of Units and Departments, Manager, and Director within the [Ministry of Livestock and Fisheries](#). Currently, he is the Director of Diagnostic Services at [TVLA](#). He is also an Editor of Journal, a member of different professional associations and communities within and outside Tanzania and a President of the [Tanzania Biological Safety Association](#)