



THE TECHNICAL UNIVERSITY OF KENYA

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EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	MEDICAL SCIENCE IN INFECTION RESEARCH	NAGASAKI UNIVERSITY(Japan)	2022
Masters of Science (M.Sc.)	MEDICAL VIROLOGY	JOMO KENYATTA UNIVERSITY OF AGRICULTURE & TECHNOLOGY(Kenya)	2016
Bachelor of Science (BSc)	MEDICAL LABORATORY SCIENCE	UNIVERSITY OF EASTERN AFRICA-BARATON(Kenya)	2009
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	HOSPITAL HILL HIGH SCHOOL(Kenya)	2002

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
03/11/2016 - TO DATE	THE TECHNICAL UNIVERSITY OF KENYA	TUTORIAL FELLOW
1/10/2014 - 31/1/2015	UNIVERSITY OF WASHINGTON	LABORATORY TECHNOLOGIST
01/11/2017 - 31/03/2022	VIROLOGY DEPARTMENT-NAGASAKI UNIVERSITY	DOCTORAL FELLOW
03/04/2015 - 10/10/2016	KENYA MEDICAL RESEARCH INSTITUTE	RESEARCH OFFICER

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
The discovery of herbal drugs and natural compounds as inhibitors of SARS-CoV-2 infection in vitro. Journal of Natural Medicines	View online	
Anti-SARS-CoV-2 activity of various PET-bottled Japanese green teas and tea compounds in vitro	View online	
Prevalence and factors associated with HIV-1 drug resistance mutations in treatment-experienced patients in Nairobi, Kenya	View online	
Evidence of Chikungunya virus seroprevalence in Myanmar among dengue-suspected patients and healthy volunteers in 2013, 2015, and 2018. PLoS neglected tropical diseases	View online	
Seroepidemiological surveys of tick-borne encephalitis virus and novel tick-borne viruses in wild boar in Nagasaki, Japan. Ticks and Tick-borne Diseases. 2022 Jan 1;13(1):101860.	View online	
Congenital Zika virus infection in a birth cohort in Vietnam, 2017–2018. The American Journal of Tropical Medicine and Hygiene. 2020 Nov;103(5):2059.	View online	
Prevalence and factors associated with HIV-1 drug resistance mutations in treatment-experienced patients in Nairobi, Kenya	View online	
Prevalence and factors associated with HIV-1 drug resistance mutations in treatment-experienced patients in Nairobi, Kenya	View online	
Zika virus infection in asymptomatic persons in Myanmar, 2018. Transactions of the Royal Society of Tropical Medicine and Hygiene. 2020 Jun 1;114(6):440-7.	View online	
HIV-1 Drug Resistance Mutations in Patients Failing 1st Line Therapy in a Comprehensive Care Center in Nairobi, Kenya. World Journal of AIDS. 2015; 5, 83-89	View online	
Comparison of the performance of Aptima HIV-1 Quant Dx Assay with Abbott RealTime HIV Assay for viral load monitoring using plasma and Dried Blood Spots collected in Kenya. PLoS One. 2022 Aug 22;17(8):e0269838. doi: 10.1371/journal.pone.0269838. PMID: 35994447.	View online	