

Curriculum vitae

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EDUCATION AND TRAINING				
Period	Qualification	Specialization	Institution	Award
2016-2019	Bachelor of science	Biomedical Laboratory Technology	Makerere University	Second class honors (upper class)
2014-2015	Certificate of training	Uganda Advanced Certificate of Education	St. Mary's Kitende secondary School	Division 1(16 AGGREGATES)
2010-2013	Certificate of training	Uganda Certificate of Education	St. Mary's Kitende secondary School	15points

OTHER COURSES AND TRAININGS

Period	Qualification	Specialization	Institution
Aug, 2019	Certificate of completion	H3ABioNet Introduction to Bioinformatics	H3ABioNet/ Makerere University
May, 2019	Certificate of completion	Essential Skills of Bioinformatics/ Linux	Uganda Virus Institute
Sept, 2019	Certificate of completion https://www.coursera.org/account/achievements/verify/34B55YPSPBDA	Bioinformatics method 1	University of Toronto

Sept, 2019	Certificate of Completion https://www.coursera.org/account/achievements/verify/Q9YQEUQA9UBH	Bioinformatics methods ii	University of Toronto
Sept, 2019	Certificate of Completion https://www.coursera.org/account/achievements/verify/EG99TTLL9Q7L	Whole genome sequencing	Technical University of Denmark
Oct, 2019	Certificate of Completion https://www.coursera.org/account/achievements/verify/PF2PQN4A3KX8	Python programming for Everybody	University of Michigan
December 2019	Certificate of Completion https://www.coursera.org/account/achievements/verify/TDAXTQQFWSDM	Unix workbench	John Hopkins
November 2019	Certificate of Completion https://www.coursera.org/account/achievements/verify/UXEVESAP75SB	Fundamentals of Immunology: innate immunity and B-cell function	Rice University
January 2020	Certificate of Completion https://www.coursera.org/account/achievements/verify/5YVWZS6M45LA	Python Programming Essentials	Rice University
January 2020	Certificate of Completion https://www.coursera.org/account/achievements/verify/FS7MRKX75Q9D	Fundamentals of Immunology: T Cells and Signaling	Rice University
January 2020	Certificate of Completion https://www.coursera.org/account/achievements/verify/NVBZDZSYLED8	Python for Genomic Data Science	Johns Hopkins University
January 17th, 2020	Certificate of Completion http://labsafetyworkspace.org/training-course-list	Introduction to Laboratory Safety	Laboratory Safety workspace
17/01/2020	Certificate of Completion https://globalhealthtrainingcentre.tghn.org/elearning/short-courses/	Introduction to Clinical Research	Global Health Training Centre

			globalhealthtrainingcentre.org/eLearning
20/01/2020	Certificate of Completion https://globalhealthtrainingcentre.tghn.org/elearning/short-courses/	Introduction to Reviewing Genomic Research	Global Health Training Centre globalhealthtrainingcentre.org/eLearning
17/01/2020	Certificate of Completion https://globalhealthtrainingcentre.tghn.org/elearning/short-courses/	Introduction to Good Clinical Laboratory Practice	Global Health Training Centre globalhealthtrainingcentre.org/eLearning
January 6, 2020	Certificate of Completion https://irtsectraining.nih.gov/publicUse.r.aspx	NIH Secure Remote Computing	NIH
March 6, 2020	Certificate of Completion https://www.coursera.org/account/accomplishments/certificate/72Y3Y2MZWHEs	Genomics for law	ILLINOIS
March 3, 2020	Certificate of Completion https://www.coursera.org/account/accomplishments/certificate/KUSTGYG3VJ6R	Biology Meets Programming: Bioinformatics for Beginners	UNIVERSITY of CALIFORNIA SAN DIEGO
March 2020	Certificate of Completion https://www.coursera.org/account/accomplishments/certificate/WXWKATMZ9BXX	Introduction to Genomic Technologies	Johns Hopkins University
April 6, 2020	Certificate of Completion https://bioinformatics.niaid.nih.gov/	Python Programming for Scientist series	NIH
21st-23rd September 2020	Certificate of Completion https://drive.google.com/file/d/1xjeu81-rZiYSXZvRMMcUWFbKwiA3bXUH/view?usp=sharing	Bioinformatics	Cambridge Bioinformatics Hackathon
16th Nov 2020	Certificate of Completion https://www.futurelearn.com/certificates/lgp6ys1	BACTERIAL GENOMES II: ACCESSING AND ANALYSING MICROBIAL GENOME DATA WITH ARTEMIS	Wellcome Genome Campus Advanced Courses and Scientific Conferences
17th November 2020	Certificate of Completion https://www.futurelearn.com/certificates/7z4xb65	The Role of Diagnostics in the Antimicrobial Resistance Response	London School of Hygiene & Tropical Medicine

December 2-4, 2020	Certificate of Completion https://drive.google.com/file/d/1VQ4Q-HBDxuUPVNix4cPLUotd6y3JJrl/view?usp=sharing	Keystone Symposia eSymposia meeting eSymposia Tuberculosis	Keystone Symposia
17/02/2021	https://www.futurelearn.com/certificates/rizhuri	Bioinformatics for Biologists: An Introduction to Linux, Bash Scripting, and R	Wellcome Genome Campus Advanced Courses and Scientific Conferences

RESEARCH WORK

PERIOD	RESEARCH TITLE	INSTITUTION	ACTIVITY / SKILLS GAINED
October, 2020	Comparative genomic analysis of Mycobacterium tuberculosis reveals evolution and genomic instability within Uganda I sub-lineage	Infectious disease institute (African Center for Excellence)	Microbial genome analysis
March 2020	Effects of interleukin 6/10 on sleeping sickness caused by <i>Trypanosoma Brucei Brucei</i>	Makerere University (COVAB)	Assessing the use of interleukin-6/10 as a therapeutic for sleeping sickness other than the drug on market
Feb-March 2020	Human Genome Analysis	Infectious disease institute (African Center for Excellence)	Assessing the BCAR gene mutation and population evolution genetics
Feb 2020	Knowledge and attitude of secondary school students towards HIV transmission and treatment in a rural secondary school in Nakaseke, Uganda	MAKERERE UNIVERSITY	Assessing how much students of Timuna secondary school knew about HIV/AIDs as to draw a basis on what to teach them and also understand the best model of communication
Nov-2019	Multi drug resistant TB	College of Health Science	Assessing the drugs that are resisted by Mycobacterium tuberculosis. Through Whole genome assembly, annotation and

			bioinformatics analysis of Mycobacterium tuberculosis strains
March-July 2019	Toxicity effects associated with systemic administration of interleukin-6 in Wistar Albino rats	MAKERERE UNIVERSITY	Assessing whether interleukin-6 has any toxic effect on a healthy individual and what concentration

EXPERIENCES AND RESPONSIBILITIES

TIME OF SERVICE	TITLE HELD AND COMPANY	KEY PERFORMANCE AREAS
Dec 2019-Dec 2020	Intern, Infectious Disease Institute	Bioinformatics Internship
Sept-Nov 2019	Intern, Mulago bioinformatics laboratory	Bioinformatics internship
June-August 2018	Internee, EBENEZER clinical laboratories	Clinical chemistry attachment hormone analysis, LFTs, RFTs
March- April 2018	Internee, CDL COVAB MAK	Molecular biology attachment, PCR, electrophoresis, protein extraction and analysis, ELISA.
October – November 2017	Internee, EBENEZER clinical laboratories	Doing CBC, blood grouping, cross matching and transfusion, analyzing clotting factors, diagnosing hemophilia
June- august 2017	Internee, EBENEZER clinical laboratories	Culturing, urinalysis, parasitology and microbiology skills generally
March- April 2017	Internee, Histology lab COVAB MAK	Collecting tissue samples, tissue processing, sectioning and staining
October-November 2016	Internee, CDL COVAB MAK	General laboratory practice, management and organization

PUBLICATIONS

Mboowa G, Mwesigwa S, Kateete D, Wayengera M, Nasinghe E, Katagirya E, Katabazi AF, Kigozi E, Kirimunda S, Kamulegeya R, Kabahita JM, Luutu NM,

Nabisubi P, Stephen Kanyerezi², Bagaya SB, Joloba ML. Whole-genome sequencing of SARS-CoV-2 in Uganda: implementation of the low-cost ARTIC protocol in resource-limited settings. *F1000Research* (2021)

Kanyerezi, S., & **Nabisubi, P.** (2020). Comparative genomic analysis of *Mycobacterium tuberculosis* reveals evolution and genomic instability within Uganda I sub-lineage. *bioRxiv*.

Nabisubi P, Kanyerezi S, Kebirungi G, Mboowa G. Knowledge and attitude of secondary school students in Nakaseke, Uganda towards HIV transmission and treatment. *AAS Open Research*. 2021 May 5;4(23):23.

CONFERENCES/WORKSHOPS

1. Essential programming skills building workshop for life scientists
2. Artificial intelligence, machine learning and bioinformatics workshop
3. SASBi-SC Online Student Symposium
4. Deep multi-omic phenotyping of biospecimens for immuno-oncology applications
5. An Insider's Look: How One Parameter Can Optimize Key Phases of Bioprocessing Workflows
6. PGT-A simplified. Which of the leading NGS solutions is easiest to implement?
7. Next generation ultra-high content analysis of the tumor immune microenvironment using MICS technology
8. A pandemic challenge - Implementing a COVID-19 Antibody test in record time!
9. Implementing a World-Class Clinical Pharmacogenomics Service
10. New Crossroad: The Intersection of COVID-19 and Sepsis
11. Advancing Science: A Spatial Biology Conference.

REFERENCES

Dr. Jjingo Daudi	Gerald Mboowa	Dr. Kato Charles Drago
Position: Director, African Center of Excellence in Bioinformatics and Data Intensive Sciences	Position: Research Fellow Department of Molecular Biology and Immunology Address: College of Health Science, Makerere University	Position: Lecturer of College of Veterinary Medicine, Animal Resources and Biosecurity, Makerere University

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