

CURRICULUM VITAE

Personal details

Name: **Glennah Kerubo**
 Nationality: Kenyan
 Marital status: Married
 Current position: Lecturer

Address

Department of Medical Microbiology & Parasitology, Kenyatta University
 P. O Box 43844, 00100 Nairobi
 Tel: 0722 616782
 Email: kerubo.glennah@ku.ac.ke, glenakerubo@gmail.com

Areas of Research Interest

- Molecular epidemiology of *Mycobacterium tuberculosis* complex strains
- Antimicrobial resistance mechanisms of pathogenic bacterial pathogens
- Molecular characterization of antibiotic resistance genes
- Molecular diagnostic systems for the detection of pathogenic bacterial pathogens

Education Background:

<u>Year/Period</u>	<u>Level</u>	<u>Institution</u>	<u>Examination/certificate</u>
2014 - 2018	Doctorate	University of Lubeck (Germany)	Doctor of philosophy (Ph.D.) in natural sciences (Dr. rer. Nat.).
2007 - 2009	Graduate	Jomo Kenyatta University of Agriculture and Technology	Master of Science (Msc) in Medical Microbiology
2003 - 2007	Undergraduate	Jomo Kenyatta University of Agriculture and Technology	Bachelor of Science (Bsc) in Medical Microbiology
1999 - 2002	High School	Butere Girls High School	Kenya Certificate of Secondary Education
1991 - 1998	Primary School	Musoli Girls Primary School	Kenya Certificate of Primary Education

Fellowship Awards and further training

Year	Awarding Institution	Fellowship Program
2014	NACOSTI/DAAD	Ph.D. in Molecular biology; University of Lubeck, Germany.
2013	DAAD	German language course "Deutsch als Fremdsprache" Goethe Institute, Gottingen, Germany.

Key Skills & Competencies:

- Sufficient research knowledge and evidence-based practice to carry out the duties and responsibilities of a lecturer and a research officer
- Excellent evaluation, analysis and decision-making skills
- Initiative and independence and the ability to manage time and resources effectively when undertaking tasks and problem-solving in professional practice
- Excellent advocacy, interpersonal and consultative skills, including the ability to communicate to a variety of audience
- Well organized, reliable and an enthusiastic team player
- Ability to quickly learn new systems, processes/procedures and adapt local practices to global standards

PROFESSIONAL EXPERIENCE

January 2017- To date: Lecturer, Kenyatta University, Department of Pathology.

Responsibilities

- Teaching and examining MBChB and B.Pharm students on Medical Bacteriology, Mycology, Virology, Immunology, Parasitology & Entomology and Environmental Microbiology.
- Prepare and conduct laboratory experiments in Microbiology to medical students in conjunction with the laboratory technicians
- Carry out research and publishing on various topics of medical, academic and societal interest.
- Mentor students on academic performance, career opportunities
- Upgrading the curriculum from time to time to ensure it is up-to-date
- Participate in departments ISO activities.

February 2020 – Departmental Examinations Coordinator, Department of Pathology.

Responsibilities

- Coordinate examinations process in the department
- Ensure that all examinations are set and processed in time
- Liaising with Examinations coordinator from the school of Medicine and university Examinations office on examination related issues
- Ensure safe keeping of all examination records within the department

January 2010 - December 2013: Research Officer; Kenya Medical Research Institute, Centre for Respiratory Disease Research, Remox TB clinical trial.

Responsibilities:

- Processing sputum specimens for diagnosis of TB, using ZN and MGIT, LJ culture techniques
- First line antituberculosis drug susceptibility testing
- DNA extraction from TB cultures
- *M. tuberculosis* genotyping
- Raw data recording and reporting
- Coordinating research activities between the laboratory and the clinic
- Writing reports of work done, maintenance of study protocol
- Training other research assistants joining the project
- Inventory management, development of Standard Operating Procedures for the work done in the laboratory

May 2011- December 2013: Assistant lecturer (Adjunct faculty); Mount Kenya University

Duties and responsibilities

- Participate in departmental research activities including assessment of undergraduate students.
- Prepare and conduct lectures and seminars to students
- Advise students with respect to academic performance, career opportunities, and pursuit of advanced degrees
- Mentor students on their career path

January 2010-September 2010; Assistant Lecturer (Adjunct faculty); Jomo Kenyatta University of Agriculture & Technology.

Duties And Responsibilities:

- Participated in departmental research activities including assessment of undergraduate student's research projects.
- Prepared and conducted lectures and seminars to undergraduate students
- Advised students with respect to academic performance, career opportunities, and pursuit of advanced degrees.
- Mentored students on their career paths

Publications

- **Kerubo G**, Khamadi S, Okoth V, Madise N, Ezeh A, Abdalla Z, et al. (2015) Hepatitis B, Hepatitis C and HIV-1 Coinfection in Two Informal Urban Settlements in Nairobi, Kenya. PLoS ONE 10(6): e0129247. doi:10.1371/journal.pone.0129247. pmid:26068212
- **Kerubo G**, Evans Amukoye, Samuel Kariuki, Stefan Niemann. Drug susceptibility profiles of pulmonary Mycobacterium tuberculosis isolates from patients in informal urban settlements in Nairobi, Kenya. BMC Infectious Diseases (2016) 16: 583.
- Yassir A. Shuaib, Eltahir A.G. Khalil, Lothar H. Wieler, Ulrich E. Schaible, Mohammed A. Bakheit, Saad E. Mohamed-Noor, Mohamed A. Abdalla, **Glennah Kerubo**, Sönke Andres, Doris Hillemann, Elvira Richter, Katharina Kranzer, Stefan Niemann, Matthias Merker. Mycobacterium tuberculosis Complex Lineage 3 as Causative Agent of Pulmonary Tuberculosis, Eastern Sudan. Emerging Infectious Diseases Vol. 26, No. 3, March 2020.
- **Kerubo G**, Perpetua Ndungu, Evans Amukoye, Samuel Kariuki, Stefan Niemann. Transmission of Mycobacterium tuberculosis complex strains in Nairobi, Kenya. (Manuscript)

Workshops/ Seminars/Trainings Attended:

- Training of trainers Workshop for staff Mentors and Growing Leaders Facilitators, held in Kenyatta University, Nairobi, 7th, November 2019.
- Molecular Approaches to clinical Microbiology in Africa, held in Kenya Medical Research Institute, Nairobi, Kenya, 7-13 September 2019
- Bioethics Course, held in University of Nairobi, Nairobi, 18- 22 February, 2019.
- KASH conference, held in Safari Park, Nairobi, 13- 15 February, 2019.
- Knowledge Sharing for Sustainable Development: Concepts, Methods and Processes, held in Utalii Hotel, 7-9 November, 2018
- Antimicrobial Resistance in Bacterial pathogens, held in KEMRI, Nairobi, Kenya, 16- 21 September, 2018.
- Molecular Approaches to clinical Microbiology in Africa, held in Kenya Medical Research Institute, Nairobi, Kenya, 8-14 September 2018.

REFEREES

Please feel free to contact the under mentioned in regard to my competence, work ethic and performance

Dr. James O.Ogutu

Head of Department

Department of Medical Microbiology and Parasitology

Kenyatta University

P.O BOX 43844, 00100 Nairobi

Tel: 0722 145693

Email: ogutu.james@ku.ac.ke

Prof. Samuel Kariuki

Deputy Director (Research and Training Division)

Kenya Medical Research Institute (KEMRI)

P.O. Box 54840-00200, Nairobi

Tel: 0722 232467

Email: skariuki@kemri.org

Dr. Evans Amukoye

Assistant Deputy Director

Kenya Medical Research Institute.

P.O. Box 54840, 00200, Nairobi

Email: amukoye@gmail.com

Curriculum Vitae