

CURRICULUM VITAE/RESUME

PERSONAL INFORMATION:

Name: Dr. Robin Cornel Asaba Omedo.

Address: Medical Laboratory Sciences Department
School of Public Health, Biomedical Sciences and Technology,
Masinde Muliro University of Science and Technology (MMUST)
P.O. Box 190-50100, Kakamega, Kenya.

Tel: , **E-mail:** omedoasaba@mmust.ac.ke

Nationality: Kenyan. **Home County:** Busia. **Gender:** Male

Languages: English, Kiswahili and Luhya.

WORK EXPERIENCE:

1. Dates (from- to): Feb, 2021 to Date

Name of employer: Masinde Muliro University of Science and Technology (MMUST), Kenya.

Occupation or position held: Lecturer

Main activities or responsibilities: I teach Medical Biochemistry, Clinical Chemistry, Medical and Veterinary Anatomy, Animal diseases, Theriogenology and Experimental Lab. Animal Science

2. Dates (from- to): 2013 to Feb, 2021

Name of employer: Masinde Muliro University of Science and Technology (MMUST), Kenya.

Occupation or position held: Asst. Lecturer

Main activities or responsibilities: I taught Medical Biochemistry, Clinical Chemistry, Medical and Veterinary Anatomy, Animal diseases, Theriogenology and Experimental Lab. Animal Science

3. Dates (from-to): 2008 to 2019

Name of employer: Kenya National Examination Council

Occupation or position held: Examiner of Pharmaceutical Technology examinations.

Main activities or responsibilities: Assessing of practical exams and marking of pharmacology practical and theory papers.

4. Dates (from- to): 1996 to 2013

Name of employer: Technical University of Mombasa (TUM)/ Mombasa Polytechnic/ TSC.

Occupation or position held: Lecturer

Main activities or responsibilities: Taught Biochemistry, Microbiology, Pharmacology and Immunology to both diploma and undergraduate students.

5. Dates (from- to): 2007 to 2011

Name of employer: Technical University of Mombasa (TUM)/ Mombasa Polytechnic

Occupation or position held: Chairman of Medical Science Department.

Main activities or responsibilities: Coordinated the activities of the department.

EDUCATION AND TRAINING:

1. Currently I am pursuing PhD in Clinical Biochemistry. The title of my research work:
“COMPARATIVE ASSESSMENT OF SUBTYPING TOOLS AND BIOCHEMICAL DERANGEMENTS OF HIV-1 SUBTYPES AMONG INJECTION SUBSTANCE USERS FROM MOMBASA COUNTY, KENYA”
under the supervision of Prof. **Tom Were** of MMUST and **Dr. Gerald Juma** of UoN.

2. **Dates (from-to):** 2006 to 2009

Institution that provided Education and Training: Kenyatta University

Title of qualification awarded: MSc in Medical Biochemistry

3. **Dates (from-to):** January to December, 2006

Institution that provided Education and Training: Kenya Technical Training Institute

Title of qualification awarded: Diploma in Technical Education

4. **Dates (from-to):**1986 to 1990

Institution that provided Education and Training: University of Nairobi

Title of qualification awarded: Bachelor of Veterinary Medicine (BVM).

5. **Short Courses**

Dates (from-to): 23rd - 24th January, 2014

Institution that provided the Training: MMUST.

Title of Training: University Multiplication Training Workshop on Curriculum Development and Review for Universities in Kenya: Implementation and Accreditation.

6. **Dates (from-to):** 16th -17th October, 2014

Institution that provided the Training: University of Nairobi (KAVI-INSTITUTE OF CLINICAL RESEARCH)

Title of training: Bioethics.

7. **Dates (from-to):** 5th -6th March, 2015

Institution that provided the Training: MMUST

Title of training: Bioethics & Biosafety

8. **Dates (from-to):** 5th -10th March, 2016

Institution that provided the Training: WELLCOME GENOME CAMPUS (MRC-The Gambia Unit)

Title of training: Molecular Approaches to Clinical Microbiology in Africa.

9. **Dates (from-to):** 18th April-2nd May, 2017

Institution that provided Education and Training: Hassan II Institute of Agronomy and Veterinary Sciences (H II IAV)-Rabat, Morocco.

Title of training: Epidemiology and Prevention of Parasitic Diseases of Animals in Africa

PROFESSIONAL EXPERIENCE

Dates (from-to): 1990 to date

A veterinary practitioner, involved in management and control of Domestic Animal diseases

LABORATORY AND FIELD RESEARCH SKILLS

Standard microbiologic techniques

Standard DNA, RNA and protein assays

Immuno-chemical techniques

Parasitic infections, perfusion, necropsy, histology of laboratory mammals

Standard Biochemical techniques

Trapping, quarantine diagnostics, establishment and maintenance of non-human primates and wild rodent colony.

Membership

Kenya Veterinary Board (KVB),
P.O. Box 513, Uthiru, Kenya.
Membership no. 001580.

Publications:

- 1. Omedo RCA.** (2014). Schistosomiasis: The disease, anti-*Schistosoma* vaccine candidates and Baboons as Ideal models for schistosomiasis studies. *International Journal of Tropical Diseases and Health*.**5**(3):170-189. <https://doi.org/10.9734/IJTDH/2015/13094>
- 2. Mambo FA, Mulunyi EK, Sowayi GA, Omedo RCA, Mukoya GA and Kokonya DA.** (2015). Hookworm infection in teenage pregnant mothers in Bungoma County, Kenya. *International Journal of Tropical Diseases and Health*.**10**(4): 1-7. Article no.IJTDH.16330 ISSN: 2278–1005
- 3. Barasa M, Shaviya N, Wamalwa R, Mambo FA Okoth P, Omedo RCA, Rutto R, Kagasi AE, Mutai C, Sowayi GA, Ozwara SH, Ng'ang'a WZ and Anjili CO.** (2015). Expression of Physiological Biomolecules Following Anti-Malarial Cytokine-CpG Motif Oligodeoxynucleotide Gene Therapy. *Merit Research Journal of Medicine and Medical Science*. **3**(9): 432-452. Available online <http://www.meritresearchjournals.org/mms/index.htm>
- 4. Yonge SA, Otieno MF, Sharma RR and Omedo RCA.** (2016). Risk Factors in Transmission of Tuberculosis Infection in Mombasa, Kenya: An Epidemiological Descriptive Study. *International Journal of Tropical Diseases and Health*. **13**(4):1-10. DOI: 10.9734/IJTDH/2016/23621

Areas of interest and research:

Clinical Biochemical Aspects of Viral Diseases, Anti-Microbial stewardship (AMS) and anti-Microbial Resistance (AMR).

Referees:

1. Mr. Fidelis Mambo
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2. Prof. Tom Were
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