

OTIENO PAUL ODHIAMBO

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CURRICULUM VITAE.

BRIEF INTRODUCTION.

I am an ambitious Kenyan youth that is hard-working and object oriented in all tasks and duties assigned to me. I have a strong interpersonal skill that promotes togetherness, teamwork and good industrial as well as domestic relations. I am open to learning, be instructed and can as well work without but if necessary, very minimum supervision. My interactions with people in school, work and social life have suited me with the best character of self-control, respect, patience and problem solving in various environments.

CAREER OBJECTIVE.

Become an expert in scientific research both locally and internationally as well as to come up with research in the field of science to help curb the current environmental problems and lifestyle diseases.

To acquire, promote and uphold high-ranking professionalism, and fundamental expertise in my dealings with employers, clients and any other entity in the course of my service delivery.

BACKGROUND INFORMATION

NATIONALITY: Kenyan

RELIGION: Christian

DATE OF BIRTH: 25, June, 1997.

I.D NUMBER: 33800697

MARITAL STATUS: Single

LANGUAGE: Kiswahili and English.

CORE COMPETENCE

- Research
- Flow Cytometry
- Biosafety and Biosecurity skills.
- PCR base technique
- Data Analysis
- DNA Extraction
- Gel Electrophoresis

PROFESSIONAL EXPERIENCE

KENYA MEDICAL RESEARCH INSTITUTE (KEMRI) **2020- 2022**

- Participated in the DNA extraction methods

- Used the PCR based techniques in detection of point mutation *p. falciparum* that are associated with resistance.
- Preparation of agar gels for electrophoresis in basic molecular techniques.
- Diagnosis of *Wuchereria bancrofti* (w.b) using urine, sputum, blood and mosquitoes.
- Conducted laboratory testing and monitoring of HIV i.e Baseline CD4 count and follow up for monitoring management of HIV/AIDS in infected infants and adults.
- Enumeration of total lymphocytes and their sub sets i.e CD45, CD3, CD4, CD8, CD9.
- Sample handling, processing and analysis.
- Data archiving, reporting and dispatching results.
- Participated in internal and external QA/QC i.e daily calibration, UKNEQUAS (United Kingdom National External Quality Assessment Services) QASI: Quality Assurance Systems International and daily maintenance.
- Logistic network for the sites.
- Culturing of malaria parasites and microscopy
- Parasitology techniques in relation to Schistosomiasis
- Identification of parasite eggs, cercariae adult worm of the worms of parasites
- Parasitology techniques involving culturing of *Leishmania*, parasite
- Preparation and isolation of parasites, infection of animals with parasites
- Lymphocytes proliferation assays/cells culture
- Antigen preparation
- Immunization of animals for antibody production
- Haematological differentiation of cells by staining/cell counting techniques
- Enzyme linked immunosorbent assays for cytokine antibodies.

- Rearing of phlebotomine, identification of sandflies using sandfly keys, trapping methods
- Preparation of larval food and life cycle of a sandfly
- Animal care and handling
- Preparation of culture medium
- Good laboratory practice
- Cultivation of Leishmania, counting of parasites, staining parasites, lesion measurements, infection of Sand flies with parasites

EDUCATION BACKGROUND.

2015-2019 : KENYATTA UNIVERSITY

- BSC Biotechnology.

January 2015-July 2015 : ST. ANN COLLEGE TRAINING CENTRE

- Internet and Computing Core Certification

2011-2014 : HOMA BAY BOYS HIGH SCHOOL

- Kenya Certificate of Secondary Education

2002-2010 : OTWEYO PRIMARY SCHOOL

- Kenya Certificate of Primary Education

ADDITIONAL SKILLS

- Bilingual -Kiswahili and English.
- Presentation Skills,
- Interpersonal Skills
- Leadership skills

REFEREES

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