

CURRICULUM VITAE

A)

PERSONAL DETAILS

Name: Zakayo Limiri Thaimuta
Religion: Christian
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Marital Status: Married

B)

EDUCATION BACKGROUND

2010- 2014 PhD (Human Pathology).
Riboflavin protective role against mitochondrial toxicity and lipodystrophy due to stavudine and lamivudine

2002- 2006 University of Nairobi MSc.Biochemistry
(Specialised in Clinical Biochemistry)
University of Nairobi Clinical Epidemiology

2002: University of Strathclyde:
Collection & Preservation of Evidential samples for DNA profiling.

1998: University of Nairobi
Bachelors 2nd Class Honours Upper Division

1992: K.C.S.E Kangundo H. School

C)

WORKING EXPERIENCE

2013 – To Date: Lecturer;
Department of Human Pathology,
School of Medicine
University of Nairobi

2007-2013: Tutorial Fellow;
Department of Human of Pathology
School of Medicine
University of Nairobi

2002-2007: Graduate Assistant;
Department of Human of Pathology
School of Medicine
University of Nairobi

1999 – 2002: Analyst: Government Chemists Department,
Ministry of Health

1998 – 1999: Tutor American Universities Prep. Institute

D)

MANAGEMENT TRAINING

2013: Kenya School of Government
Strategic Leadership development program (SLDP)

2011: Kenya School of Government
Senior Management Course (SMC)

E)

PROJECTS INITIATED

1994: Science Club: Nyambene Secondary School

1999: Teachers' Workshop: American Universities Prep. Institute

E)

RESPONSIBILITIES

2013 – 2017: Coordinator, Medical Laboratory Science and Technology
Programme in the School of Medicine

2008 – 2013: Editor, Kenya Journal of Science, Technology and
Innovations (Kenya J. Sci. Tech. Inn)

1999: Co-coordinator/Administrator – American
Universities Preparation Institute.

F)

PUBLICATIONS

Thaimuta, ZL; Kigundu, CS; Makawiti, D.W. Increased Incidence of Subclinical Hypothyroidism among HIV/AIDS Patients on Highly Active Antiretroviral Therapy. Kenya Journal of Science, Technology and Innovations, Vol 5, 2015 page 85-93.

Thaimuta, Z.L.; Kigundu, C; Makawiti, D. W. Prevalence of nonthyroidal illness among HIV patients on HAART. East African Medical Journal, Vol 87, Oct, 2010.

Barwecho, M.J and **Thaimuta, Z.L:** Assessment of Nutritional Status and Biomarkers among Chronic Haemodialysis Patients. International Journal of Professional Practice (IJPP), volume 4, Issues 2, January – June 2013, page 132.

Thaimuta, Z.L; Sekadde-Kigundu, C; Guantai, A.N and Bulimo W.D. **Riboflavin Protection on the Biochemical and Haematological Parameters in Mice Treated with Nucleoside Analogues** (*In print*)

Thaimuta, Z.L; Sekadde-Kigundu, C; Guantai, A.N and Bulimo W.D. **Effects of Nucleoside analogues on Mitochondrial DNA and resultant complications** (*In Print*).

G)

CURRENT RESEARCH ACTIVITIES

Principal Investigator: Structure-function relationships of lipoprotein lipase: mitigation to mutations and mutagenesis of the loop region among the T2DM patients

Co-Investigator: Plasma and Urine Neutrophil Gelatinase Associated Lipocalin (Ngal) Levels as Markers of Acute Kidney Injury in Critically Ill Children Aged 1-12 Years at Kenyatta National Hospital (Nairobi)

Co-Investigator: Prevalence of Sub-Clinical Hypothyroidism and its Correlation with Diabetic Nephropathy in Patients with Type 2 Diabetes Mellitus at Kenyatta National Hospital

Co-Investigator: The cytogenetic abnormalities in suspected chromosomal disorders at the Kenyatta National Hospital.

H) PRESENTATIONS

2010: 29th World Congress of Biomedical Laboratory Science (Nairobi, Kenya).
Comparative Methods of Creatinine of Clearance and Estimated Glomerular Filtrate Rate

D) WORKSHOP AND TRAINING

2019: Pedagogy, Andragogy and Curriculum Development, University of Nairobi
2010: Integrative Organ Systems Pharmacology
2010: USAMRU/OSHA Laboratory Safety Course
2009: Pedagogy, for Teaching Staff College of Health Sciences
May 2004: University of Washington-Human subjects Protection Training for Principal Investigators and Key Personnel.

D) OTHER RESPONSIBILITIES

2016: Head of Curriculum Review Team, Curriculum Review Medical Laboratory Science and Technology Programme in the School of Medicine
2013 – 2018: Editorial Team Member, Kenya Journal of Science, Technology and Innovations
2017 – To Date: Board Member, Meru Teaching and Referral Hospital

J) PROFESSIONAL ASSOCIATIONS

- Fellow, Clinical Chemists Association-Kenya, (Subscribed to IFCC)

K) REFEREES

1. Prof. Wallace Bulimo
School of Medicine
University of Nairobi

2. Prof. A. Guantai

Dean,

School of Pharmacy,

University of Nairobi

3. Prof. Christine S. Kigundu

Department of Human Pathology

School of Medicine

University of Nairobi