

CURRICULUM VITAE

PERSONAL DETAILS

Name: JOSEPH O. MUGA
Sex: MALE
Date of birth: 22nd DECEMBER 1968
Nationality: KENYAN
Marital status: MARRIED
Religion: CHRISTIAN
Official contact: MASENO UNIVERSITY SCHOOL OF MEDICINE
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UNIVERSITY EDUCATION

2017 up to date: PhD student in Cell and Molecular Biology
2017: MSc Cell and Molecular Biology, Maseno University.
2005-2009: Moi University School of Science, BSc- Biochemistry

COLLEGES EDUCATION

1996-1997: Kenya Medical Training College
Higher National Diploma, (Clinical Chemistry).
1989-1992: Kenya Medical Training College and studied diploma in medical laboratory sciences for three years.

PROFESSIONAL TRAININGS

November 2012: Application of nanotechnology in medicine, Pan-African Summer School in Nanomedicine South Africa
September 2008: Pre-Exposure Prophylaxis (PrEP) Study workshop in Kampala, Uganda
June 2008: PrEP Study Eldoret Site Activation Training Eldoret, Kenya.
October 2007: Partners in Prevention Regional Workshop, Nairobi, Kenya
October 2007: Good Clinical Laboratory Practice course, Nairobi, Kenya.
July 2006: Partners in Prevention Study Specific Training, Johannesburg, South Africa
July 2006: Good Clinical Laboratory Practice Implementation Meeting by IAVI, Johannesburg, South Africa.

SECONDARY EDUCATION

1983-1986: Musingu High School for the Kenya Certificate of Education
1987-1988: Chavakali High School for the Kenya Advanced Certificate of Education

WORKING EXPERIENCE

July 2011 up to date:
Senior Technologist Biochemistry, Maseno University School of Medicine
2008 to July 2011
Deputy Head of Laboratory Services at Moi Teaching and Referral Hospital
2004 to 2008: AMPATH Reference Laboratory.

5th April, 2018

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2002 to 2004: Moi Teaching and Referral Hospital

1992-2002: Laboratory technologist, Ministry of Health (Isiolo, Maralal and Lugari).

PRESENTATIONS

1. *“Evaluation of Antiplasmodial Activities of Chloroquine Encapsulated in Heparin-Functionalized Solid Lipid Nanoparticles”* at the annual medical laboratory scientific conference in Kenya, 2015.
2. Thesis title: *“Evaluation of Antiplasmodial Activities of Chloroquine Encapsulated in Heparin-Functionalized Solid Lipid Nanoparticles”*

PUBLICATIONS

1. *“In vitro evaluation of chloroquine-loaded and heparin surface-functionalized solid lipid nanoparticles”*, **Joseph O. Muga**, Jeremiah W. Gathirwa, Matshawandile Tukulula and Walter G. Z. O. Jura, Malaria Journal 2018;17:133, <https://doi.org/10.1186/s12936-018-2302-9>

HOBBIES: Music, reading and games

AFFILIATIONS:

1. Member of the Association of Kenya Medical Scientific Officers (AKMLSO).
2. Registered and approved to practice laboratory medicine by the Kenya Medical Laboratory Technicians and Technologists Board (KMLTTB).

REFEREES:

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