

CURRICULUM VITAE

JOSHUA KIILU MULI

Vision

To be a leading contributor to biotechnology innovations and products towards alleviating hunger, poverty and disease in Africa.

Personal Details

Sex : Male
Nationality : Kenyan
Language Proficiency : English, Kiswahili

Educational Background

Tertiary

May 2013 – November 2017: Jomo Kenyatta University of agriculture and technology (JKUAT)
P.O. Box 62000-00200, Nairobi
MSc Genetics
Thesis title: Competence of Tropical Maize Lines to *Agrobacterium*-Mediated Transformation and The Expression of Maize Poly (ADP-Ribose) Polymerase (*PARP2*) Gene under Drought Stress.

May 2010 – December 2012: Jomo Kenyatta University of agriculture and technology (JKUAT)
P.O. Box 62000- 00200, Nairobi
Bsc Biotechnology- First class honors

September 2007-December 2009 Bukura Agricultural College
P.O Box 23-50105, Bukura.
Diploma in agriculture and Biotechnology-Distinction

March 2005-April 2007 Kilifi institute of Agriculture
Certificate in agriculture- Distinction

Secondary School

January 2000 – November 2004: Mbooni Boys High School
P.O. Box 50-90125, Kikima
KCSE

Primary School

January 1998 – December 2000 KARI- Mwilu day and boarding primary school
P.O. Box 12- 90138, Makindu
KCPE

Skills

Biotechnology laboratory operations including DNA and RNA isolation, transformation, PCR and Gel electrophoresis

Plant Tissue culture

Marker assisted selection in plant breeding

Chemical and bacteriological water analysis

Crop production and maintenance

Green house operations

Personal qualities

Honest, dependable and highly motivated individual who is result oriented

Can work under minimal supervision

Team player

Good communication and presentation skills

Research interests

Bioinformatics

Plant transformation and genetic modifications

Genome editing

Referees

Prof. Nancy Budambula

Director, Board of Postgraduate Studies

University of Embu

P.O Box 6-60100

Embu, Kenya

Dr. Cecilia Mbithe Mweu

Research fellow

Institute for biotechnology research

Jomo Kenyatta University of Agriculture and Technology

P.o Box 62000-00200

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Dr. Johnstone Omukhulu Neondo

Research fellow

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