

## CURRICULUM VITAE



**Name:** Johnstone Omukhulu Neondo  
**Nationality:** Kenyan  
**Language Proficiency:** English and Kiswahili  
**Current address:** I. B. R. - JKUAT, P.O. Box 62000, Nairobi  
**Mobile Phone No.:** +254723595319/0753936834  
**Email address:** jneondo@jkuat.ac.ke/jonneondo@gmail.com

### ACADEMIC PROFILE

---

**2012-July 2018:** PhD. (Biotechnology), JKUAT, Kenya.  
**June 2016:** Certificate course on Bioinformatics tools for species Identification?  
**June 2014:** Certificate course on “Transferable skills Training for Successful Doctoral Students-Global and Local Perspectives” Makerere/Swedish University of Agricultural Sciences  
**July-August 2013:** Regional training course on molecular marker and Biochemical characterization in plant breeding  
**2009-2011:** MSc. (Biotechnology), JKUAT, Kenya.  
**August 2011:** Certificate course on Environmental Impact Assessment and Environment Audit, JKUAT  
**2003-2007:** BSc. Plant Biotechnology, JKUAT, Kenya

### EMPLOYMENT/ WORKING EXPERIENCE

---

**Oct 2018-Todate:** Research fellow  
**2011- Sept 2018:** Assistant Research Fellow (tutorial fellow), I .B. R., JKUAT.  
**2015- To date:** IBR Postgraduate coordinator  
**2009- 2011:** Teaching Assistant, I .B. R., JKUAT  
**2009- To date:** IBR website administrator  
**2014- To date:** IBR Researcher in-charge of Coconut project  
**2010:** Research intern (Research Assistant), Kenya Forestry Research Institute

### Funded research project

---

i. Co-PI: Collection, conservation and characterization of economically important doum palm; toward food security in Kenya NRF funded project (Ksh.6million).

- ii. Co-PI: Characterization of *Crotalaria brevidens* (Mitoo), an economically important medicinal vegetable and a trap crop for *Striga hermonthica*. NRF funded project (Ksh. 9million)

### **Current PhD and MSc. Students under my supervision**

- i. Agnes Omire: (**PhD. Genetics**, JKUAT). Thesis title ‘Genetic diversity and salinity induced transcriptomics in doum palm (*Hyphaene compressa*)’
- ii. Joshua Kiilu Muli: (**PhD. Genetics**, University of Embu). Thesis title ‘Diversity and gene expression in *crotalaria* species in Kenya’.
- iii. Fridah Aidah Mwakha: (**MSc. Horticulture**, Embu University). Thesis title ‘Characterization of *crotalaria* spp and their ability to induce suicidal germination of *Striga hermonthica*’
- iv. Susan M. Wairimu: (**MSc. Microbiology**, University of Embu). Thesis title ‘Diversity of bacterial food contaminants in fast food premises of Embu town’

### **PUBLICATION**

- **Neondo, J.O**, Alakonya, and Kasili, R.W(2017) Screening for potential *Striga hermonthica* fungal and bacterial biocontrol agents from suppressive soils in Western Kenya. *Biocontrol*. DOI 10.1007/s10526-017-9833-9.
- **Neondo, J.O**, Alakonya, A.E,Matheka, J., Masanga, J.O. And Kasili, R.W(2016) Transformation And Regeneration Protocol For Two Farmer Preferred Open Pollinated Tropical Maize (*Zea Mays*) Varieties. *Journal Of Plant Sciences*. VOL 4(4), Pp 80-87. Available online at [www.sciencepublishinggroup.com/j/jps](http://www.sciencepublishinggroup.com/j/jps).
- **Neondo J.O**, Mbithe C.M, Njenga P.K, Muthuri C.W (2012) Phytochemical Characterization, Antibacterial Screening and Toxicity Evaluation of *Dichrostachys Cinerea*. *International Journal of Medicinal Plant Research*. Vol 1(4),Pp 032-037. Available online at [www.internationalscholarsjournals.org](http://www.internationalscholarsjournals.org)© international scholars journals.
- **Neondo J.O**. Machua J. Muigai A. Nyende A.B. Munjuga M. Jamnadass R. And Muchugi A. (2011). Micropropagation of *Allanblackia Stuhlmannii*. Amenability to Tissue Culture Technique. *International Journal For Biotechnology And Molecular Biology Research* Vol. 2(11), Pp. 185-194, November 2011. Available online <http://www.academicjournals.org/ijbmbr>. doi: 10.5897/ijbmbr11.045

### **REFEREES**

Professor Bernard Aggrey Nyende,  
Director, Institute for Biotechnology Research,  
Jomo Kenyatta University of Agriculture and Technology,  
P.O. Box 62000-00200, Nairobi, Kenya

Cell Phone; +254 721624419

[abnyende@hotmail.com](mailto:abnyende@hotmail.com) or [director@ibr.jkuat.ac.ke](mailto:director@ibr.jkuat.ac.ke)

Dr. Cecilia Mbithe Mweu,

Researcher at IBR, Jomo Kenyatta University (JKUAT),

P.O Box 62000-00200. Nairobi.

Cell phone: +254 721988302,

[mbithe@yahoo.com](mailto:mbithe@yahoo.com)

Mr. Joseph Machua,

Research Scientist, Kenya Forestry Research Institute (KEFRI),

P.O Box 20412. Nairobi.

Cell phone: +254 722 831071,

[machuaj@yahoo.com](mailto:machuaj@yahoo.com)