

## CURRICULUM VITAE

### Personal Data

Name: Dr. Nillian Ayuma Mukungu

Address: Department of Pharmacology and Pharmacognosy,  
School of Pharmacy, University of Nairobi,  
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Sex: Female.

Nationality: Kenyan

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### WORK EXPERIENCE

2017 to 2018: Internship at Hitachi Centre for Explorative Research, Japan

July 2014 to date: Lecturer, Department of Pharmacology and Pharmacognosy, School of Pharmacy, University of Nairobi.

Part of the team that developed the curriculum and trains postgraduate program on Pharmacoepidemiology and Pharmacovigilance

2009 to 2014: Tutorial Fellow, Department of Pharmacology and Pharmacognosy, School of Pharmacy, University of Nairobi.

2007 to 2008: Hospital pharmacist at Webuye Sub-District Hospital.

2006 Pharmacist Intern at, Nyanza Provincial Hospital, Kisumu. Plains Pharmacy, Kisumu, and Beta Healthcare, Nairobi.

### EDUCATION BACKGROUND:

Currently Pursuing a PhD in Pharmacognosy – Evaluation of antimalarial plants used in Western Kenya

2013 Msc. Pharmacognosy and Complementary, University of Nairobi

2007 Registered as a Pharmacist by Pharmacy and Poisons Board, Kenya  
2006 Pharmacist Intern- Ministry of Health

2001-2005 Bachelor of Pharmacy, University of Nairobi

1996-1999 K.C.S.E., Butere Girls High School

1988-1995 K.C.P.E., Magale Primary School

### **SHORT COURSES ATTENDED**

1. Nov 2014. Research Methods in Public and Population Health, University of Witwatersrand, Johannesburg organized by CARTA Africa.
2. June 2014. Training of Trainers on Vaccinology organized by University of Nairobi School of Pharmacy in Cooperation with the University of Kansas, School of Pharmacy, Kansa-2-Kenya and Lawrence Memorial Hospital Pharmacy.
3. Oct 2013. Advanced Training Program on Acupuncture and Moxibustion for African Medical Practitioners sponsored by Ministry of Education of P.R of China organized by Tianjin University of Traditional Chinese Medicine.
4. Nov 2010. 8<sup>th</sup> Advanced Training Program of Research and Development of Medicinal Plants for African Countries sponsored by Ministry of Education of P.R of China organized by Tianjin University of Traditional Chinese Medicine and University of Nairobi.
5. 2007 Certificate in Training of Trainers in Malaria Case Management
6. 2007 Diploma in Health Systems Management co-organized by Ministry of Health, Kenya Medical Training College, United States International University and Galilee College, Israel.
7. 2006 Certificate in Training of Trainers in HIV/AIDS Management and Counseling

### **WORKSHOPS AND CONFERENCES ATTENDED**

1. Nov 2018. 1st International Conference on Health (ICH 2018) at Kenyatta National Hospital
2. May 2016. KNH/UoN Symposium on Traditional and Complementary Medicine.

3. 12<sup>th</sup> -13<sup>th</sup> Sept 2015. Oral Presentation at the HOPAK Coast Branch 1<sup>st</sup> Scientific Conference on *Jatropha curcas* poisoning cases in Kenya 2015. at Sai Rock Hotel, Mombasa.
4. 2011-2014. Series of Writers and Reviewers workshops on content Development for e-learning for the College of Health Sciences.
5. Sept 2012. University of Nairobi Masters of Pharmacy in Pharmacoepidemiology and Pharmacovigilance Trainers workshop
6. April 2012. Research and Grants Proposal writing workshop organized by University of Nairobi Enterprises.
7. July 2011. Innovative Medical Training Education organized by PRIME–K. University of Nairobi.
8. June 2011. College of Health Sciences 1<sup>st</sup> International Scientific Conference. University of Nairobi

### **THESIS PUBLISHED**

“Phytochemical and Antimicrobial Activity Investigation of *Nicandra Physaloides* Gaertn (Solanaceae)”. Master of Science thesis submitted at the University of Nairobi.

### **PUBLICATIONS**

1. Omale J. M., Mutai P., Njogu P., **Mukungu N.**, Mwangi J., Odongo E., **2020**, Ethnobotanical survey of medicinal plants used in Emuhaya Subcounty, Vihiga County in Western Kenya: Applied Medical Research 7 (1): 6-25.
2. Leonidah, K. O., Beatrice, A., Peggoty, M., Esther, K., **Nilian, M.**, Martha, I., Francisca, K.-K., & Victor, K., **2019**, Rapid Screening using GIBEX Screens-to-nature System of Ethnomedicinal Plants from Ngong Forest, Kenya for Potency against Infectious Diseases and Antioxidant Activities: A Qualitative Study. Pharmacognosy Communications 9 (2): 59-74.
3. **Mukungu, N.**, Abuga, K., Okalebo, F., Ingwela, R., & Mwangi, J., **2016**, Medicinal plants used for management of malaria among the Luhya community of Kakamega East sub-County, Kenya. Journal of Ethnopharmacology 194, 98-107.

4. **N.A Mukungu**, C.K. Maitai, K.A. Sinei, P.C Mutai, D.S.B Ongarora and E.W Karumi. *Jatropha curcas* poisoning in children in Western Kenya- A case report. East Cent. Afr. J. Pharm. Sci. 18 (2015), 32-34.
5. **N.A Mukungu**, K.O. Abuga, N.N. Mungai, K.O. Bosire and E.W Karumi (2013). Isolation and structural elucidation of compounds from the non-alkaloidal extract of *Nicandra physaloides* and the antimicrobial activity of withanicandrin. East Cent. Afr. J. Pharm. Sci. 16(4), 49-53.
6. E.W. Karumi, C.K. Maitai, F.A. Okalebo, N.N. Mungai, S.N. Ndwiga, P. C. Mutai and **N.A Mukungu** (2013). Anthelmintic and Antimicrobial Activity of *Hagenia abyssinica* (Bruce) J. F. Gmel (Rosaceae). East Cent. Afr. J. Pharm. Sci. 16(4), 77-82.
7. **N. Mukungu** and E. Karumi. Glycosides I (2012). E-learning module available at the University of Nairobi e-learning portal.
8. E. Karumi and **N. Mukungu** Glycosides II (2012). E-learning module available at the University of Nairobi e-learning portal.

### **AWARDS**

2018- Association of African Universities Thesis writing Award

2016- NACOSTI PhD Grant

2013 – CARTA postgraduate fellowship

### **REFEREES:**

1. Prof. J.W. Mwangi  
University of Nairobi  
P.O. Box 30197, Nairobi  
TEL: 0722825966
2. Dr. A.K. Sinei  
University of Nairobi  
P.O. Box 30197, Nairobi
3. Prof. F. A. Okalebo

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