

Curriculum Vitae

Dr. Eric M. Guantai

A: BIOGRAPHICAL AND CONTACT INFORMATION

Sex: Male

Nationality: Kenyan

Email: eguantai@uonbi.ac.ke

Address: P.O. Box 19328-00202, KNH, Nairobi, Kenya

B: ACADEMIC QUALIFICATIONS

2006 – 2010: University of Cape Town
Doctor of Philosophy, (Ph.D.)

Advisors: Prof. Kelly Chibale and Prof. Peter Smith.

1998 – 2002: University of Nairobi
Bachelor of Pharmacy (B. Pharm)

C: WORK EXPERIENCE

Current: University of Nairobi, College of Health Sciences
Senior Lecturer – Dept. of Pharmacology and Pharmacognosy, School of Pharmacy

2012 - 2019: University of Nairobi, College of Health Sciences
Lecturer – Dept. of Pharmacology and Pharmacognosy, School of Pharmacy

2005 –2011: University of Nairobi, College of Health Sciences
Tutorial Fellow – Dept. of Pharmacology and Pharmacognosy, School of Pharmacy

2004 –2005 National Quality Control Laboratory
Pharmacist – Head, Biological Analysis Unit

2002 –2003 Ministry of Health
Pharmacist Intern

D: PROFESSIONAL REGISTRATION

2004 to date: Registered Pharmacist with the Pharmacy and Poisons Board (PPB), Kenya.

E: RESEARCH AND PUBLICATION

Research Interests

My research interests fall in two main areas:

- **Drug discovery** of potential drugs that fight malaria, TB and other infectious diseases, with a particular emphasis on the application of modern drug discovery tools and technologies to complement conventional drug discovery approaches.
- **Pharmacoepidemiology**, which involves studying the utilization of drugs in populations, exploring the determinants of beneficial and adverse effects of drugs, and the assessment of programmatic efforts to improve medication use in a population.

Projects and Grants

1. **Guantai E.M.**, Chibale, K. Application of Computational Drug Design Tools in the Identification of Potential Antimalarial Drugs. NACOSTI/NRF Kenya/South Africa collaborative research grant. October 2012.

Articles in refereed journals

1. Yaouba S., Valkonen A., Coghi P., Gao J., **Guantai E. M.**, Derese S., Wong V. K. W., Erdélyi M., Yenesew A. Crystal Structures and Cytotoxicity of *ent*-Kaurane-Type Diterpenoids from Two *Aspilia* Species. *Molecules*. 2018. 23: E3199.
2. Wangia C., Orwa J., Muregi F., Kareru P., Cheruiyot K., **Guantai E.** Quantitative and Fourier Transform Infrared analysis of saponins from three Kenyan *Ruellia* species: *Ruellia prostrata*, *Ruellia linearibracteolata* and *Ruellia bignoniiflora*. WASET International Science Index 138. *Int. J. Biol. Biomol. Agr. Food Biotechnol. Eng.* 2018. 12: 130-134.
3. Magot A. A., Karimi D. N., **Guantai E. M.**, Maru S. M., Nyamu D. G. Identification and characterization of potential drug interactions in hypertensive patients in a Kenyan tertiary hospital. *Afr. J. Pharmacol. Ther.* 2018. 7: 7-12.
4. Yaouba S., Koch A., **Guantai E. M.**, Derese S., Irungu B., Heydenreich M., Yenesew A. Alkenyl cyclohexanone derivatives from *Lannea riva* and *Lannea schweinfurthii*. *Phytochem. Lett.* 2018. 23:141-148.
5. Mbui J. M., Oluca M. N., **Guantai E. M.**, Sinei K. A., Achieng L., Baker A., Jande M., Massele A., Godman B. Prescription patterns and adequacy of blood pressure control among adult hypertensive patients in Kenya; findings and implications *Expert Rev. Clin. Pharmacol.* 2017. 10: 1263-1271.
6. Kaitany B. K., Mulaku M. N., Amugune B. K., and **Guantai E. M.** Management of Type 2 Diabetes at Vihiga County referral hospital, Kenya: compliance with guidelines and prevalence of complications. *Afr. J. Pharmacol. Ther.* 2017. 6: 43-47.
7. Gichobi A. N., Ndwigah S. N., Sinei K. A., **Guantai E. M.** Clinical audit of Heparin use in Rift Valley General Hospital, Nakuru County, Kenya. *Afr. J. Pharmacol. Ther.* 2017. 6: 27-37.
8. Bichanga K. P., Karimi N. P., **Guantai E. M.** Adherence to National Guidelines for the Diagnosis and Treatment of Malaria at the Kisii Teaching and Referral Hospital in Kenya. *Pharm. J. Kenya*. 2016. 23: 14–20
9. Njogu P. M., **Guantai E. M.**, Pavadai E., and Chibale K. Computer-Aided Drug Discovery Approaches against the Tropical Infectious Diseases Malaria, Tuberculosis, Trypanosomiasis, and Leishmaniasis. *ACS Infect. Dis.* 2016. 2: 8–31
10. Mecca L. W.; Riungu J.; **Guantai E. M.** Financing and Availability of Essential Medicines Before and After Introduction of the National Hospital Insurance Fund Civil Servants and Disciplined

- Services Medical Scheme At Webuye District Hospital, Kenya. *Afr. J. Pharmacol. Ther.* 2014. 3: 128-133.
11. Nkonge N. G.; Oponga S. A.; **Guantai E. M.**; Karimi P. N. Knowledge of Correct Use among Hormonal Contraceptive Users in a Kenyan Referral Hospital. *Afr. J. Pharmacol. Ther.* 2014. 3: 105-111.
 12. Kerama S. K.; Okalebo F. A.; Nyamu D. G.; **Guantai E. M.**; Ndwigah S. N.; Maru S. M. Risk Factors and Management of Stress Ulcers in the Critical Care Unit in a Kenyan Referral Hospital. *Afr. J. Pharmacol. Ther.* 2014. 3: 51-61
 13. Tacon C.; **Guantai E. M.**; Smith P. J.; Chibale K. Synthesis, Biological Evaluation and Mechanistic Studies of Totarol Amino Alcohol Derivatives as Potential Antimalarial Agents. *Bioorg. Med. Chem.* 2012. 20: 893–902.
 14. **Guantai, E. M.**; Masimirembwa, C.; Chibale, K. Extracting molecular information from African natural products to facilitate unique African-led drug discovery efforts *Future Med. Chem.* 2011. 3: 257-261.
 15. **Guantai, E. M.**; Chibale, K. How can natural products serve as a viable source of lead compounds for the development of new/novel anti-malarials? *Malaria J.* 2011: 10(Suppl 1) S2.
 16. **Guantai, E. M.**; Ncokazi, K.; Egan, T. J.; Gut, J.; Rosenthal, P. J.; Bhampidipati, R.; Kopinathan, A.; Smith, P. J.; Chibale, K. Enone- and Chalcone-Chloroquinoline Hybrid Analogues: *In Silico* Guided Design, Synthesis, Antiplasmodial Activity, *in Vitro* Metabolism, and Mechanistic Studies *J. Med. Chem.* 2011. 54: 3637–3649.
 17. Feng T-S.; **Guantai E. M.**; Nell M.; van Rensburg C. E. J.; Hoppe H. C.; Chibale K. Antiplasmodial and antitumor activity of dihydroartemisinin analogs derived via the aza-Michael addition reaction. *Bioorg. Med. Chem. Lett.* 2011. 21: 2882–2886.
 18. Feng T-S.; **Guantai E. M.**; Nell M.; van Rensburg C. E. J.; Ncokazi K.; Egan T.J.; Hoppe H. C.; Chibale K. Effects of highly active novel artemisinin–chloroquinoline hybrid compounds on β -hematin formation, parasite morphology and endocytosis in *Plasmodium falciparum*. *Biochem. Pharmacol.* 2011. 82: 236–247.
 19. **Guantai, E. M.**; Chibale, K. Chloroquine Resistance: Proposed Mechanisms and Countermeasures *Curr. Drug Deliv.* 2010. 7: 312-323.
 20. **Guantai, E. M.**; Ncokazi, K.; Egan, T. J.; Gut, J.; Rosenthal, P. J.; Smith, P. J.; Kelly Chibale, K. Design, synthesis and *in vitro* antimalarial evaluation of triazole-linked chalcone and dienone hybrid compounds *Bioorg. Med. Chem.* 2010. 18: 8243–8256.
 21. Hans, R. H.; **Guantai, E. M.**; Lategan, C.; Smith, P. J.; Wan, B.; Franzblau, S. G.; Gut, J.; Rosenthal, P. J.; Chibale, K. Synthesis, antimalarial and antitubercular activity of acetylenic chalcones. *Bioorg. Med. Chem. Lett.* 2010. 20: 942–944
 22. Chepkwony, H. K.; Mwaura, N.; **Guantai, E. M.**; Gathoni, E.; Kamau, F. N.; Mbae, E.; Wang'ang'a, G.; Muteru, S.; Birgen, N.; Wandeto, M. Quality of Antimalarial Drugs Analysed in the National Quality Control Laboratory during the Period 2002–2005 *East Cent. Afr. J. Pharm. Sci.* 2007. 10: 59-62.

Book Chapters in University Level Scholarly Books

1. **Guantai, E. M.;** Chibale, K. Natural product-based drug discovery in Africa: the need for integration into modern drug-discovery paradigms. *In: Drug Discovery in Africa*. Eds: Chibale K.; Masimirembwa C.; Davies-Coleman, M. Springer: Germany. 2012: (Pp. 101-126).
2. Derese, S.; **Guantai E. M.;** Souaibou, Y.; Kuete, V. *Mangifera indica* L. (Anacardiaceae). *In: Medicinal Spices and Vegetables from Africa - Therapeutic Potential against Metabolic, Inflammatory, Infectious and Systemic Diseases*. Eds: Kuete, V. Academic Press. London, UK. 2017: (Pp. 451-483).

Project Reports

1. **Eric M. Guantai.** Curcumin-Related Hybrid Compounds as potential Antimalarial Agents: Design, Synthesis, Mechanistic Investigations, Biological Evaluation and Pharmacokinetic Studies. **PhD Thesis. Supervisors:** Prof. Kelly Chibale; Prof. Pete Smith. University of Cape Town, South Africa. 2011.

Presentations at Conferences or workshops

1. **Guantai, E. M.** Vaccine Storage and Handling: The Importance of Proper Vaccine Management. Trainer of Trainers Workshop on Immunization Training Program for Pharmacists. University of Kansas and School of Pharmacy UON. University of Nairobi. June 2014.
2. **Guantai, E. M.;** Ncokazi, K.; Egan, T. J.; Gut, J.; Rosenthal, P. J.; Bhampidipati. R.; Kopinathan, A.; Smith, P. J.; Chibale, K. Enone- and chalcone-chloroquinoline hybrid analogs: *In silico*-guided design, synthesis, antiplasmodial activity, *in vitro* metabolism and mechanistic studies. International Scientific Conference: *Towards Optimum Health-Care*, University of Nairobi. College of Health Sciences, Kenya. June 2011.
3. **Guantai, E. M.;** Smith, P.; Chibale, K. *Curcumin-Related Compounds as Antimalarial Agents*. Keystone Symposium Conference: Drug Discovery for Protozoan Parasites. Colorado, USA. March 2009.
4. **Guantai, E. M.;** Smith, P.; Chibale, K. *Curcumin-Related Compounds as Antimalarial Agents*. Bi-National Organic Chemistry Conference. Kruger National Park, South Africa. September 2008.

F: TEACHING AND INSTRUCTION

Teaching Activities

I currently undertake both undergraduate and postgraduate teaching responsibilities. I teach a range of undergraduate pharmacology units that cover drug discovery as well as the pharmacology of drugs used to manage selected infectious and non-communicable diseases.

I also participate in the teaching of several postgraduate units that include pharmacoepidemiology, evidence-based health care, drug discovery, biological assays, and molecular mechanisms of drug resistance.

Training in Higher Education Teaching

1. 5th - 7th September 2012. Trainer of Trainers (TOT) Workshop for Master of Pharmacy in Pharmacoepidemiology and Pharmacovigilance. Management Sciences for Health (MSH) and School of Pharmacy UON. Elementaita Country Lodge, Naivasha.
2. 9th - 11th December 2011: Writers Workshop on eLearning. College of Education and External Studies (CEES) and College of Health Sciences (CHS), University of Nairobi. Kenya School of Law, Karen.

Post-Graduate Students Supervision to Completion

- **PhD**

1. Souaibou Yaouba: Phytochemical Investigation of three *Lannea* Species for Hepatoprotective Principles. *Supervisors*: Dr Solomon Derese; Dr. Eric M. Guantai; Prof. Abiy Yenesew. *Graduated*: Dec 2019.

- **Masters**

1. Lucy W. Mecca: Financing and Availability of Essential Medicines before and after Introduction of the National Hospital Insurance Fund Civil Servants and Disciplined Services Medical Scheme: A Case Study of Webuye District Hospital, Western Kenya. *Supervisors*: Dr. Eric M. Guantai; Dr. James Riungu *Graduated*: Dec 2014
2. Susan M. G. Njogo: Determinants of Forecast Accuracy for Paediatric Antiretroviral Drugs in Kenya. *Supervisors*: Dr George O. Osanjo; Dr. Eric M. Guantai. *Graduated*: Dec 2014
3. Evans A. Imbuki: Quality of Prescribing in Type 2 Diabetes Ambulatory Care at Webuye District Hospital. *Supervisors*: Dr. Margaret Oluka; Dr. Stanley Ndwigah; Dr. Eric M. Guantai. *Graduated*: Dec 2014
4. Christabel N. Khaemba: Prevalence, Risk Factors and Root Cause Analysis of Medication Errors among Paediatric In-Patients at Kisii Level 5 Hospital. *Supervisors*: Dr. Margaret N. Oluka; Dr. Eric M. Guantai; Dr. Kipruto A. Sinei. *Graduated*: Dec 2014
5. Annie W. Mwaniki: Polypharmacy and Quality Prescribing In Geriatric Patients – A Case Study of Nyeri Provincial General Hospital. *Supervisors*: Dr. Eric M. Guantai; Dr. Kipruto A. Sinei. *Graduated*: Dec 2014
6. Huldah Nassali: Adherence to the Principles of Rational Use of Medicines in Kenyatta National Hospital. *Supervisors*: Dr. Peter Karimi; Dr. David Nyamu; Dr. Eric M. Guantai. *Graduated*: Dec 2014.
7. Nancy G. Nkonge: Assessment of Hormonal Contraceptive Use among Women at Kenyatta National Hospital. *Supervisors*: Dr. Peter N. Karimi; Dr. Eric M. Guantai; Dr. Sylvia A. Oponga. *Graduated*: Dec 2014
8. Mathayo H. Kwena: Anti-Viral Activities of Selected Kenyan Medicinal Plants against the Hepatitis. *Supervisors*: Prof. Julius Mwangi; Dr. Eric M. Guantai; Dr. James Kimotho. *Graduated*: Dec 2014.

9. Jennifer M. Mbuyi: Attributes and Cost of Pharmacotherapy of Adult Hypertensive Patients in a Rural Outpatient Setting in Kenya. *Supervisors*: Dr. Margaret. N. Oluka; Dr. Eric M. Guantai; Dr. Kipruto A. Sinei *Graduated*: Dec 2015
10. Pamela N. Nambwa: Effectiveness of (Recormon) Erythropoietin and (Venofer) Iron Sucrose Injection compared to Biosimilar Products in Management of Renal Anaemia. *Supervisors*: Dr. Eric M. Guantai; Dr. Nillian Mukungu; Prof. Gichuru Muriuki. *Graduated*: Dec 2015.
11. Simon K. Wahome: Insurance and Indemnity Coverage for Clinical Trials of Medicines in Kenya. *Supervisors*: Dr. George O. Osanjo; Dr. Kipruto A. Sinei; Dr. Eric M. Guantai. *Graduated*: Dec 2015
12. Marius Beniet: Evaluation of Intravenous Preloading Magnesium Supplementation as a Preventive Measure of Cisplatin Induced Nephrotoxicity. *Supervisors*: Dr. David G. Nyamu; Dr. Eric M. Guantai; Dr Irene Weru. *Graduated*: Dec 2015.
13. Norah K. Maore: Antimicrobial Sensitivity and Treatment Outcomes of Neonatal Sepsis at Pumwani Maternity Hospital. *Supervisors*: Dr. Peter Karimi; Dr. Eric M. Guantai. *Graduated*: Dec 2015.
14. Philet K. Bichanga: Adherence to National Management Guidelines for Malaria Treatment at the Kisii Teaching and Referral Hospital in Kenya. *Supervisors*: Dr. Peter N. Karimi; Dr. Eric M. Guantai. *Graduated*: Dec 2015.
15. Fathiya S. A. Hamumy: A Baseline Survey on Knowledge, Attitude and Practices of Pharmacovigilance among Health Care Professionals in Selected Hospitals. *Supervisors*: Dr. Eric M. Guantai; Dr. Francis Wafula; Dr. Kefa O. Bosire. *Graduated*: Dec 2016.
16. George M. Kirira: Prevalence and Characteristics of Medicine Use among Pregnant Women at Pumwani Maternity Hospital, Kenya. *Supervisors*: Prof. Charles K. Maitai; Dr. Margaret N. Oluka; Dr. Eric M. Guantai. *Graduated*: Dec 2016.
17. Alice N. Gichobi: Clinical Audit of Heparins Use in Rift Valley General Hospital, Nakuru County, Kenya. *Supervisors*: Dr. Eric M. Guantai; Dr. Kipruto A. Sinei; Dr. Stanley N. Ndwigah. *Graduated*: Dec 2016.
18. Benjamin K. Kaitany: Management of Type 2 Diabetic Patients at Vihiga County Referral Hospital: Compliance with Guidelines and the Role of Patients. *Supervisors*: Dr. Eric M. Guantai; Dr. Beatrice K. Amugune; Dr. Mercy N. Mulaku. *Graduated*: Dec 2016.
19. Eric O. Otachi: Potential Drug-Drug Interactions among Patients with Type2 Diabetes and Hypertension in Kisii Teaching and Referral Hospital. *Supervisors*: Dr. Eric M. Guantai; Dr. George O. Osanjo; Prof Gichuru Muriuki. *Graduated*: Dec 2016.
20. Ayan A. Magot: Prevalence and Outcomes of Drug Interactions in Hypertensive Patients at Kenyatta National Hospital. *Supervisors*: Dr. Peter N. Karimi; Dr. Eric M. Guantai; Dr. Shital Maru. *Graduated*: Dec 2016.
21. Carolyne O. Naliaka: Characterization of Acid Suppressants Utilization among Adult Patients at the Medical Wards of Kenyatta National Hospital. *Supervisors*: Dr. David G. Nyamu; Dr. Eric M. Guantai; Dr. Rugendo Birichi. *Graduated*: Dec 2017.

22. Arthur G. Nderitu: Determinants of Adherence to Tuberculosis Chemotherapy in Nairobi. **Supervisors:** Dr. Peter N. Karimi; Dr. Eric M. Guantai; Dr. Apollo O. Maima. **Graduated:** Dec 2017.
23. Samuel N. Gachuhi: Synthesis and Evaluation of Analogues of a Benzoquinone Metabolite from the Endophytic Fungi *Xylaria* for Antimicrobial Activity. **Supervisors:** Dr. Albert Ndakala; Dr. Solomon Derese; Dr. Eric M. Guantai. **Graduated:** Dec 2017.
24. Wilson M. Nyamai: Proactive Risk Assessment of Intrathecal Chemotherapy in Paediatric Oncology in Kenyatta National Hospital. **Supervisors:** Dr. Eric M. Guantai; Dr. Peggoty Mutai; Dr. Irene Weru. **Graduated:** Dec 2018.
25. Karim Wanga: Medicine Utilization Evaluation of Heparin at Kenyatta National Hospital. **Supervisors:** Dr. Eric M. Guantai; Dr. Kipruto A. Sinei; Dr. Stanley N. Ndwigah. **Graduated:** Dec 2018.
26. Lucy A. Ochola: An assessment of the effectiveness of metformin in preventing prednisone-induced hyperglycemia among hematological cancer patients at Kenyatta National Hospital. **Supervisors:** Dr. David G. Nyamu; Dr. Eric M. Guantai; Dr Irene Weru. **Graduated:** Dec 2018.

Ongoing Post-Graduate Students Supervision

- **PhD**

1. Mercy M. Mulaku: Clinical care and patient outcomes in children with sickle cell disease in a low income setting: development and implementation of a hydroxyurea protocol. **Supervisors:** Dr. Eric M. Guantai; Prof. F.A. Okalebo; Dr. Newton Opiyo.
2. Esther W. Karumi: Antioxidant, Antidiabetic and Hypolipidemic Activities of Selected Medicinal Plants Used by the Maasai Community in Kenya. **Supervisors:** Prof. Julius Mwangi; Dr. Kennedy Abuga; Dr. Eric M. Guantai.
3. Christine O. Wangia: Anti-inflammatory and antiarthritic activities of selected *Ruellia* species. **Supervisors:** Dr. Eric M. Guantai; Prof. Jennifer Orwa, Prof. Francis W. Muregi.

- **Masters**

1. Grace W. Ngariko: Adoption of the Healthy Heart Africa Program and its contribution to adequacy of blood pressure control: case of Kiambu and Murang'a County. **Supervisors:** Dr. Eric M. Guantai, Dr. Margaret N. Oluka, Dr. Faith A. Okalebo.
2. Emmy J. Chebii: Incidence and patterns of adverse drug reactions in HIV positive patients on isoniazid preventive therapy at Kenyatta National Hospital. **Supervisors:** Dr. Faith A. Okalebo, Dr. Eric M. Guantai, Dr. Mercy N. Mulaku.
3. Winfred M. Murage: Assessment of the need for medication reconciliation services for geriatric patients in an out-patient setting. **Supervisors:** Dr. Faith A. Okalebo, Dr. Eric M. Guantai, Dr. Ann Njoroge.
4. Reveszt M. Akumu. Comparative prevalence of polymorphisms of N-acetyl transferase 2 in patients on Isoniazid Preventive Therapy with and without alanine aminotransferase elevation at Kenyatta National Hospital. **Supervisors:** Dr. Eric M. Guantai; Dr. James Kimotho; Dr. Samuel Chege.

5. Aggrey O. Nyabuti Examination of core indicators of appropriate drug use at public primary healthcare centers in Kisii County, Kenya. *Supervisors*: Prof. Faith A. Okalebo, Dr. Eric M. Guantai.
6. Fridah O. Nyambeka. Prescription errors in pediatric inpatients with infectious diseases at Mbagathi District Hospital. *Supervisors*: Dr. Eric M. Guantai, Prof. Faith A. Okalebo.
7. Gratia Muyu. Antimicrobial use patterns in Mbagathi Hospital - A point prevalence survey. *Supervisors*: Dr. Eric M. Guantai, Prof. Faith A. Okalebo.
8. Preston O. Otieno. Outcomes of the Healthy Heart Africa Program on management of hypertensive patients in Nairobi County, Kenya. *Supervisors*: Dr. Eric M. Guantai, Dr. Margaret N. Oluka, Prof. Faith A. Okalebo.

G: PROFESSIONAL PARTICIPATION AND DEVELOPMENT

Participation in Professional Activities

- | | |
|----------------|---|
| 2018 – to date | Member of the National Vaccine Safety Advisory Committee (NVSAC) |
| 2011 – to date | Member of the Board of Management of the Kenya Society for Basic and Applied Pharmacology |

Professional and Academic development

1. April 2018. International Conference on Harmonization (ICH) Good Clinical Practice (GCP). (Certified Online Course by Global Health Training Centre)
2. 25-27 October 2017. Global Antithrombotic Speaker Training (GAST). The Hotel Courtyard Marriott, Berlin-Mitte, Berlin, Germany.
3. April – June 2017. Grant Proposal Writing & Research Writing Course. (Certified Online Course by AuthorAID programme).
4. October - December 2015. Medicinal Chemistry - The Molecular Basis of Drug Discovery. Davidson College, NC, USA (Certified Online Course by DavidsonX/edX).
5. November 2015. Capacity Building Workshop in Clinical Research for Stake Holders in Malaria. Novartis and National Malaria Control program (Kenya). Panafric Hotel, Nairobi.
6. June 2014. Trainer of Trainers Workshop: *Immunization Training Program for Pharmacists*. University of Kansas and School of Pharmacy UON. University of Nairobi.
7. June-August 2012: Seeding Labs/ Novartis Fellowship Program hosted at the Novartis Institutes for Biomedical Research (NIBR), Boston, USA
8. April 2011: Training Course: *Palliative Care: Management of Terminally Ill Cancer and AIDS Patients*, Nairobi Hospice, Kenya.
9. July 2009: Workshop: *From Bioinformatics to rational drug design*, University of Wurzburg, Germany.
10. May 2009: Workshop: *ADMET for Medicinal Chemistry*, University of Cape Town, South Africa.

H: ADMINISTRATION AND RESPONSIBILITY

Current Membership to Department/School/College Committees

1. 2018 to date: Member –Strategic Planning Committee, College of Health Sciences UON.
2. 2017 to date: Member - Undergraduate Studies Committee, School of Pharmacy UON.
3. 2017 to date: Member – ICT Champions Committee, School of Pharmacy UON.
4. 2015 to date: Member - Undergraduate Research Projects Committee, School of Pharmacy UON.
5. 2014 to date: Member - Postgraduate Studies Committee, Dept. of Pharmacology and Pharmacognosy, UON.

Past Membership to Department/School/College Committees

1. 2015 to 2017: Member –Environmental Sustainability Committee, College of Health Sciences UON.
2. 2013 - 2015: Member –Drug and Substance Abuse Prevention Committee, College of Health Sciences UON.
3. 2014: Member - Curriculum Needs Assessment Committee, School of Pharmacy UON.
4. 2013 - 2015: Vice-Chair - 4th term Committee, School of Pharmacy UON.

Additional Department/School/College responsibilities

1. 2016 to date: Head of Pharmacology Section, Dept. of Pharmacology and Pharmacognosy, UON.
2. 2012 to date: Examinations Officer (Pharmacology), Dept. of Pharmacology and Pharmacognosy, UON.
3. 2012 to date: ICT Champion, Dept. of Pharmacology and Pharmacognosy, School of Pharmacy, UON.

I: COMMUNITY ENGAGEMENTS AND OTHER CONTRIBUTIONS

Professional Affiliations

1. 2004 to date: Member of the Pharmaceutical Society of Kenya (MSPK).
2. 2011 to date: Member - Kenya Society for Basic and Applied Pharmacology.

J: REFEREES

Prof. F.A. Okalebo,

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Dr. M.N. Oluka,

Chairman, Department of Pharmacology and Pharmacognosy,

School of Pharmacy, University of Nairobi,

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