

## CURRICULUM VITAE

### **Personal details**

Name Prof Gabriel Kimutai Kigen  
Date of Birth 3<sup>rd</sup> May 1963  
Sex Male  
Languages English, Kiswahili and Kalenjin  
Postal Address P.O. Box 6727 – 30100, Eldoret, Kenya  
Email [gkigen@mu.ac.ke](mailto:gkigen@mu.ac.ke)  
[kigengfk@gmail.com](mailto:kigengfk@gmail.com)  
Mobile Telephone No. +254 715 845896  
Website <http://profiles.mu.ac.ke/gkigen>

### **Academic Qualifications**

2006 - 2009 PhD (Pharmacology and Therapeutics); University of Liverpool, UK [Department of Department of Molecular and Clinical Pharmacology  
<https://www.liverpool.ac.uk/translational-medicine/departmentsandgroups/molecular-and-clinical-pharmacology/>, Institute of Translational Medicine;  
<https://www.liverpool.ac.uk/translational-medicine/postgraduate/> and <http://www.hiv-druginteractions.org/>].  
**Thesis title:** “Assessment of drug interactions between antiretroviral and anthelmintic drugs” **Available at THE BRITISH LIBRARY EThOS -**  
uk.bl.ethos.507508:<http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.507508>

2005 - 2006 MPhil; Pharmacology and Therapeutics (University of Liverpool)  
1988 Registered Pharmacist, Pharmacy & Poisons Board, Kenya (PPB, K)  
1983 - 1987 BPharm (University of Nairobi); <http://pharm-school.uonbi.ac.ke/>

### **Professional work experience**

Sept 2019 – to date Associate Professor of Pharmacology & Therapeutics - Department of Pharmacology and Toxicology, Moi University  
July 2015 - 2019 Senior Lecturer - Department of Pharmacology and Toxicology, Moi University

2015 – 25/03/21	Head of Department - Department of Pharmacology and Toxicology, Moi University School of Medicine
2010 - 2015	Lecturer - Department of Pharmacology and Toxicology, Moi University
2002 - 2009	Assistant Lecturer - Department of Pharmacology and Toxicology
2000 - 2001	Hospital Pharmacist, Moi Teaching and Referral Hospital (MTRH)
1995 - 2000	Community Pharmacy Practice
1993 - 1995	Principal Pharmacist, Ministry of Health
1990 - 1992	District Pharmacist - Uasin Gishu District
1988 - 1990	District Pharmacist - Elgeyo Marakwet District
1987 - 1988	Internship - Kenyatta National hospital, Wellcome (K) Ltd; Community Pharmacy Practice

## Teaching experience

### Postgraduate

- **Courses - Clinical Pharmacology/Psychopharmacology**

Dates	Course code	Details
2020 -	DCB - 814	MDS Oral Surgery
2018 - to date	ANE - 813	MMed Anaesthesiology and Critical care (Part 1)
2017 - to date	MPE 801 - 29	MPharm Clinical Pharmacy (Part 1 & 2)
2011 - to date	MHC 810	MMed Psychiatry (Part 1) students [Psychopharmacology]

### Undergraduate

- **Course - Pharmacology and Therapeutics**

Dates	Course code	Details
2014 - to date	MSC 401	4 <sup>th</sup> Year Bachelor of Medicine (MBChB) Students
2002 - to date	PHM 300	3 <sup>rd</sup> Year Bachelor of Medicine (MBChB) Students
2002 - to date	MSB 201	2 <sup>nd</sup> Year Bachelor of Medicine (MBChB) Students
2002 - to date	NSB 217	2 <sup>nd</sup> Year Bachelor of Science Nursing students
2009 - to date	DPH 201	2 <sup>nd</sup> Year Bachelor of Dentistry students (BDS)
2002 - to 2011	COBES I, II	Essential drugs/Rational use of drugs

## **Postgraduate supervision**

### **Completed Theses**

1. **Henry K. Amdany:** Master of Public Health (MPH), Moi University (Awarded in August, 2018)  
**Title:** Determinants of antimalarial prescription patters among health care providers in public health facilities in Uasin Gishu county, Kenya. **Role: Primary supervisor**
2. **Emmah Mongina Nyandigisi:** Master of Pharmacy (MPharm) in Pharmacoepidemiology & Pharmacovigilance, University of Nairobi (November 2018).  
**Title:** Cost Effectiveness Analysis of Anticoagulation Clinic versus Standard Care in Monitoring of Coagulation Status in Kenyan Tertiary Referral Hospitals. **Role: Supervisor**

### **Ongoing Supervision**

#### **Masters Students**

1. Adm # SPH/PGH/04/07: Master of Public Health (MPH), Moi University.  
**Title:** Use of Traditional Medicine among Cancer Patients in Moi Teaching & Referral Hospital.  
**Role: Primary Supervisor**
2. Adm # SM/PGCP/4296/20: Master of Pharmacy in Clinical Pharmacy; (MPharm), Moi University  
**Title:** Nephrotoxicity and Efficacy Associated with Intravenous Polymyxin B Therapy Among Intensive Care Unit Patients Admitted at Moi Teaching and Referral Hospital  
**Role: Primary Supervisor**
3. Adm # SM/PGCP/4301/20: Master of Pharmacy in Clinical Pharmacy; (MPharm), Moi University  
**Title:** Statin Use and Lipid Profile Outcomes Among Patients with Type 2 Diabetes Mellitus at Moi Teaching and Referral Hospital  
**Role: Primary Supervisor**
4. Adm # SM/PGCP/4299/20: Master of Pharmacy in Clinical Pharmacy; (MPharm), Moi University  
**Title:** Safety of Midazolam Vs Dexmedetomidine During Weaning of Mechanically Ventilated Patients at The Moi Teaching and Referral Hospital Intensive Care Unit  
**Role: Supervisor**
5. Adm # SM/PGCP/03/18: Master of Pharmacy in Clinical Pharmacy; (MPharm), Moi University  
**Title:** Use of Rivaroxaban in Management of Venous Thromboembolism at the MTRH Anticoagulation Clinic. **Role: Primary Supervisor**

6. Adm # SM/PGCP/07/17: Master of Pharmacy in Clinical Pharmacy; (MPharm), Moi University  
**Title:** Incidences of Chemotherapy induced Nausea and Vomiting in cervical cancer patients at Moi Teaching and Referral Hospital. **Role: Primary Supervisor**
7. Adm # SPH/PGH/04/16: Master of Public Health (MPH), Moi University.  
**Title:** Patient characteristics and reasons for referral to MTRH Emergency department.  
**Role: Primary Supervisor**
8. Adm # SPH/PGH/1002/14: Master of Public Health (MPH), Moi University.  
**Title:** Determinants of Drug and Substances Abuse among teenage Girls in Primary Schools within Busia Town Municipal, Busia County Kenya. **Role: Supervisor**
9. Adm # SM/PGIRE/11/13: Master of Science in Intl. Health research Ethics (MSc), Moi University  
**Title:** Challenges of guarding autonomy in direct observed therapy strategy at AMPATH Eldoret, Kenya **Role: Primary Supervisor**
10. Adm # SPH/PGH/25/12: Master of Public Health (MPH), Moi University.  
**Title:** Intervention levels in addressing counterfeit medicines among Pharmaceutical providers in Eldoret, Kenya. **Role: Primary Supervisor**
11. Adm # SPH/PGH/24/12: Master of Public Health (MPH), Moi University.  
**Title:** Patterns of antibiotic use in surgical wards at Moi Teaching and referral Hospital.  
**Role: Primary Supervisor**

### **External Examination**

2018 - to date	Egerton University School of Medicine
2016 - to date	Maseno University School of Medicine
2016 - to date	Jomo Kenyatta University of Agriculture & Technology School of Pharmacy (Graduate School)
2015 - 2019	University of Nairobi School of Pharmacy
2014 - to date	University of Nairobi School of Pharmacy (Graduate School)
2013 - 2016	Mount Kenya University School of Pharmacy

### **Research Conferences, Courses and Seminars**

- July 2019 (26<sup>th</sup> - 27<sup>th</sup>): AfCNP 2019 (The 5<sup>th</sup> African College of Neuropsychopharmacology Congress), The Boma Inn, Eldoret Kenya, Kenya:  
[http://www.afcnp.net/images/Site\\_Elements/programme/Programme\\_as\\_per\\_15\\_May\\_2019.pdf](http://www.afcnp.net/images/Site_Elements/programme/Programme_as_per_15_May_2019.pdf). or <http://www.afcnp.net/index.php/programme>. Presented a paper entitled: “Advances in the treatment of Psychosis”
- April 2019 (15<sup>th</sup> - 19<sup>th</sup>): NeuroGAP-Psychosis Annual General Meeting; Sheraton Hotel; Addis Ababa, Ethiopia <http://www.aau.edu.et/blog/neurogap-psychosis-project-holds-its-annual-general-meeting/>
- July 2018 (10<sup>th</sup> - 13<sup>th</sup>): AIDS Malignancy Consortium (AMC) Sub-Saharan Africa (SSA) Meeting; Serena Hotel, Ohio Street, Dar es Salaam, Tanzania  
<http://www.cvent.com/events/amc-sub-saharan-africa-ssa-meeting/event-summary-21751e3d932e499aa387be36bb33098f.aspx>
- October 2017 (25<sup>th</sup> - 26<sup>th</sup>): AIDS Malignancy Consortium (AMC-068) Investigators Fall Meeting; Bethesda Marriott Hotel, Pooks Hill Road, Bethesda, Maryland; USA  
<http://www.cvent.com/events/2017-amc-investigators-fall-meeting/event-summary-942d154e470e40d1b10d7067d47e6373.aspx>
- July 2017 (18<sup>th</sup> - 21<sup>st</sup>): AIDS Malignancy Consortium AMC-099 (COVENANT) Start-up Meeting; Radisson Blu Hotel Gautrain Sandton, Johannesburg; South Africa  
<http://www.cvent.com/events/amc-099-covenant-start-up-meeting/event-summary-d374f27bd6894999b67737dda98ceceb.aspx>
- October 2016 (19<sup>th</sup> - 20<sup>th</sup>): AIDS Malignancy Consortium (AMC-068) Investigators Fall Meeting; Sheraton Reston Hotel, Sunrise Valley Drive, Reston, Virginia; USA.  
<https://www.cancer.gov/about-cancer/treatment/clinical-trials/search/view?cdrid=745736>
- March 2016 (15<sup>th</sup> - 18<sup>th</sup>): A Roche-sponsored international Breast Cancer Summit held at Best Western Hotel, Accra, Ghana entitled: “*Strengthening Centers of Excellence in Cancer Care to Improve Breast Cancer Outcomes*” Breast Cancer Initiative 2.5 [www.bci25.org](http://www.bci25.org)
- February 2016 (3<sup>rd</sup> - 5<sup>th</sup>): Multidisciplinary Cancer Management Course by the Academic Model Providing Access to Healthcare (AMPATH) Oncology and the American Society of Clinical Oncology (ASCO) at Boma Inn Hotel, Eldoret

- November 2008 (9<sup>th</sup> - 13<sup>th</sup>): Participated at the 9<sup>th</sup> international congress on drug therapy in HIV infection, Glasgow, Scotland, where I presented a paper entitled “*Prevalence of drug interactions between antiretroviral and co-administered drugs in Kenya*”. *Abstract O122. J Int. AIDS Soc. Vol. 11. Suppl 1 2008* (<http://www.jiasociety.org/content/11/S1/O7>) - **[Abstract and oral presentations]**. – HIV9 O121 - HIV Drug Interactions: Available at: <http://www.hiv-charts2go.org/data/abstract/AbstractID179.pdf>

### Special Assignments

Jan 2021 to date	Appointment as a Member of the College of Health Sciences Health Services Income Generating Unit Committee
July 2020 to date	Investigator, PTSD TNX-102 Study
Mar. 2020 to date	Investigator, Azithromycin-Prevention in Labour Use Study (A-PLUS)
March - Oct. 2020	Member, Moi Teaching and Referral Hospital (MTRH) COVID 19 Task Force
2019 to date	Member, Moi University NHIF Medical Cover Monitoring & Evaluation Committee
2019 to date	Member, Expert Committee on Clinical Trials (ECCT), Pharmacy and Poisons Board (PPB - Kenya)
2016 to date	Investigator Neuropsychiatric Genetics of African Populations - Psychosis (NeuroGAP - Psychosis)
2014 to date	Investigator, Aids Malignancy Consortium
2014 - 2016	Oncology Pharmacist, Division of Haemato-oncology AMPATH/ MTRH
2014 - 2016	Lead person in the Curriculum development, approval & implementation of the Postgraduate Diploma in Clinical Pharmacy, PGDip (Clin. Pharm) programme at the Moi Teaching and Referral Hospital (MTRH)
2012 to date	Lead person in the Curriculum development, approval & implementation of the Masters in Clinical Pharmacy, MPharm (Clin. Pharm) programme at the Moi University School of Medicine
2012 - 2014	Member, Pharmacy and Therapeutics committee, Moi Teaching and Referral Hospital (MTRH)

2010 - 2018	Member, Continuing Professional Development (CPD) and Accreditation Technical Committee, Pharmacy and Poisons Board (PPB - Kenya)
2010 - 2011	Member, Pharmacy and Therapeutics committee, Moi Teaching and Referral Hospital (MTRH)

**Membership (Professional organizations)**

1999 - to date Pharmaceutical Society of Kenya, MPS (K)

**Research interests**

- Personalized Medicine
- Pharmacogenomics
- Nanomedicine
- Drug-drug interactions
- Ethnopharmacology

**Grants**

- **TNX-CY-P302**

Title	TNX-102 SL (cyclobenzaprine) in the treatment of PTSD A Phase 3, Double-Blind, Randomized, Multicenter, Placebo-Controlled Study to Evaluate the Efficacy and Safety of TNX-102 SL (cyclobenzaprine HCl sublingual tablets) in Participants with PTSD (Protocol No. TNX-CY-P302)
Details	A Phase III Clinical Study in Kenya to evaluate the efficacy of Cyclobenzaprine in the treatment of posttraumatic stress disorder (PTSD) funded by Tonix Pharmaceuticals, Inc., USA worth USD 287,000 per annum
Start Date	July, 2020
Duration	3 years (July 2020 to July 2023)
Total Amount	USD 861,000
Source	Tonix Pharmaceuticals, Inc; New York, USA
Role	Investigator

- **NCT03871491**

Title Azithromycin-Prevention in Labour Use Study (A-PLUS)  
Prevention of Maternal and Neonatal Death/Infections with a Single Oral Dose of Azithromycin in Women in Labor (in Low - and Middle-income Countries): A Randomized Controlled Trial  
Available at: <https://clinicaltrials.gov/show/NCT03871491>

Details Global Network for Women’s and Children’s Health Research Consortium interventional three-year study worth USD 450,000 per annum

Start Date January, 2020

Duration 3 years (January 2020 to January 2023)

Total Amount USD 1,350,000

Source NICHD Global Network for Women's and Children's Health

Role Investigator

- **NCI-2016-00841**

Title A Randomized, Placebo Controlled Trial of HPV Vaccination to Reduce Cervical High-Grade Squamous Intraepithelial Lesions among HIV Infected Women Participating in an HPV Test and Treat Program (COVENANT)  
Available at: <https://clinicaltrials.gov/ct2/show/NCT03284866>

Details Aids Malignancy Consortium (AMC 099) project worth USD 75,000 per annum for five years (60 months)

Start date January, 2019

Duration 3 years (January 2019 to October 2021)

Total amount USD 375,000

Source National Institute of Health through the National Cancer Institute

Role Investigator

- **NeuroGAP – Psychosis - Moi**

Title Neuropsychiatric Genetics of African Populations - Psychosis (NeuroGAP - Psychosis)



Details A project supported by Stanley Global Neuropsychiatric Genetics Initiative which is overseen by Steve Hyman and directed by Karestan Koenen; a Professor of Psychiatric Epidemiology at the Harvard T.H. Chan School of Public Health and operates in three regions: Africa, Latin America, and East Asia.  
Available at: <https://www.broadinstitute.org/stanley>

Amount USD 272,000 per annum

Duration 4 Years (April 2017 to March 2021)

Role Investigator

- **NIH Grant No.2401 Ca 121947**

Title A Randomized, Phase II Trial of CHOP vs. Oral Chemotherapy with Concomitant Antiretroviral Therapy in Patient with HIV-Associated Lymphoma in Sub- Saharan Africa.  
Available at: ICTRP Search Portal - World Health Organization:  
<http://apps.who.int/trialsearch/Trial3.aspx?trialid=PACTR201510001143243>

Details Aids Malignancy Consortium (AMC 068) project worth USD 75,000 per annum for five years (60 months)

Start date Sept 2016

Total amount USD 375,000

Source National Institute of Health through the National Cancer Institute

Role Investigator

## Publications

### URL addresses:

- **Google Scholar Citations:** <https://scholar.google.com/citations?user=UU6vx-IAAAAJ>
- **ORCID ID:** <https://orcid.org/0000-0002-5047-4066>
- **ACADEMIA:** <https://mu-ke.academia.edu/GabrielKigen>
- **ResearchGate:** [https://www.researchgate.net/profile/Gabriel\\_Kigen](https://www.researchgate.net/profile/Gabriel_Kigen)

2021

1. A. R. Martin, E. G. Atkinson, S. B. Chapman, A. Stevenson, R. E. Stroud, T. Abebe, D. Akena, M. Alemayehu, F. K. Ashaba, L. Atwoli, T. Bowers, L. B. Chibnik, M. J. Daly, T. DeSmet, S. Dodge, A. Fekadu, S. Ferriera, B. Gelaye, S. Gichuru, W. E. Injera, R. James, S. M. Kariuki, **G. Kigen**, K. C. Koenen, E. Kwobah, J. Kyebuzibwa, L. Majara, H. Musinguzi, R. M. Mwema, B. M. Neale, C. P. Newman, Crjc Newton, J. K. Pickrell, R. Ramesar, W. Shiferaw, D. J. Stein, S. Teferra, C. van der Merwe, and Z. Zingela, 'Low-Coverage Sequencing Cost-Effectively Detects Known and Novel Variation in Underrepresented Populations', *The American Journal of Human Genetics*, 108 (2021), 656-68 (**Journal Article**)

**DOI: [10.1016/j.ajhg.2021.03.012](https://doi.org/10.1016/j.ajhg.2021.03.012)**

## **2020**

2. E.G. Atkinson, A.R. Martin, S. Dalvie, Y. Pichkar, A. Kalungi, L. Majara, A. Stevenson, T. Abebe, D. Akena, F.K. Ashaba, L. Atwoli, L.B. Chibnik, N. Creanza, W.E. Injera, S.M. Kariuki, **G. Kigen**, N. Koen, Z. Koenig, E. Kwobah, H. Musinguzi, C.P. Newman, C.R.J.C. Newton, S. Ramachandran, R. Ramesar, W. Shiferaw, D.J. Stein, R.E. Stroud, S. Teferra, Z. Zingela, K.C. Koenen, and NeuroGAP-Psychosis Consortium., '3009 - Neurogap-Psychosis Study Finds Genetic Structure Correlates with Ethnolinguistic Diversity in Africa and Highlights the Utility of Low-Pass Sequencing for Underserved Cohorts'. Presented at the 2020 Annual Meeting of the American Society of Human Genetics (ASHG), Oct 27, 2020. Available at: <https://www.ashg.org/meetings/2020meeting/>, in *Annual Meeting of The American Society of Human Genetics (ASHG)* (Virtual: 2020) [**Poster Presentation**].
3. Rakhi Karwa, Monica L. Miller, Ellen Schellhase, Dan Tran, Imran Manji, Benson Njuguna, Sara Fletcher, John Kanyi, Mercy Maina, Beatrice Jakait, **Gabriel Kigen**, Victor Kipyegon, Wilson Aruasa, Susie Crowe, and Sonak D. Pastakia, 'Evaluating the Impact of a 15-Year Academic Partnership to Promote Sustainable Engagement, Education, and Scholarship in Global Health', *J Am Coll Clin Pharm.*, 3 (2020), 885-96 (**Journal Article**)  
**DOI: <https://doi.org/10.1002/jac5.1249>**
4. Alicia R. Martin, Elizabeth G. Atkinson, Sinéad B. Chapman, Anne Stevenson, Rocky E. Stroud, Tamrat Abebe, Dickens Akena, Melkam Alemayehu, Fred K. Ashaba, Lukoye Atwoli, Tera Bowers, Lori B. Chibnik, Mark J. Daly, Timothy DeSmet, Sheila Dodge,

Abebaw Fekadu, Steven Ferriera, Bizu Gelaye, Stella Gichuru, Wilfred E. Injera, Roxanne James, Symon M. Kariuki, **Gabriel Kigen**, Karestan C. Koenen, Edith Kwobah, Joseph Kyebuzibwa, Lerato Majara, Henry Musinguzi, Rehema M. Mwema, Benjamin M. Neale, Carter P. Newman, Charles R. J. C. Newton, Joseph K. Pickrell, Raj Ramesar, Welelta Shiferaw, Dan J. Stein, Solomon Teferra, Celia van der Merwe, and Zukiswa Zingela, 'Low-Coverage Sequencing Cost-Effectively Detects Known and Novel Variation in Underrepresented Populations', *bioRxiv* (2020), 2020.04.27.064832 (**Journal Article**)

**DOI: [10.1101/2020.04.27.064832](https://doi.org/10.1101/2020.04.27.064832)**

## 2019

5. Naftali Busakhala, **Gabriel Kigen**, Paul Waako, R. Matthew Strother, Fredrick Chite, and Patrick Loehrer, 'Three Year Survival among Patients with Aids-Related Kaposi Sarcoma Treated with Chemotherapy and Combination Antiretroviral Therapy at Moi Teaching and Referral Hospital, Kenya', *Infectious Agents and Cancer*, 14 (2019), 24 (**Journal Article**)

**<https://doi.org/10.1186/s13027-019-0242-9>**

6. **G. Kigen**, Z. Kamuren, E. Njiru, B. Wanjohi, and W. Kipkore, 'Ethnomedical Survey of the Plants Used by Traditional Healers in Narok County, Kenya', *Evid Based Complement Alternat Med*, 2019 (2019), 8976937 (**Journal Article**)

**DOI: <https://doi.org/10.1155/2019/8976937>**

## 2018

7. **Gabriel Kigen**, and Geoffrey Edwards, 'Enhancement of Saquinavir Absorption and Accumulation through the Formation of Solid Drug Nanoparticles', *BMC Pharmacology and Toxicology*, 19 (2018), 79 (**Journal Article**)

**DOI: [10.1186/s40360-018-0275-5](https://doi.org/10.1186/s40360-018-0275-5)**

8. Monica L. Miller, Rakhi Karwa, Ellen Schellhase, Sonak Pastakia, Beatrice Jakait, Victor Kipyegon Maina, **Gabriel Kigen**, Imran Manji, Susie Crowe, and Dan Tran, '537. Evolution of an Experiential Focused Pharmacy Education Program within Eldoret, Kenya: 2018 Accp Global Conference on Clinical Pharmacy: October 20–23, 2018', *JACCP: JOURNAL OF THE AMERICAN COLLEGE OF CLINICAL PHARMACY*, 1 (2018), 327-27 (**Published Abstract**)

**DOI: [10.1002/jac5.1059](https://doi.org/10.1002/jac5.1059)**

9. Z. Kamuren, **G. Kigen**, A. Keter, and A. Maritim, 'Characteristics of Patients with Thromboembolic Disorders on Warfarin Therapy in Resource Limited Settings', *BMC Health Serv Res*, 18 (2018), 723 (**Journal Article**)

[DOI: 10.1186/s12913-018-3537-4](https://doi.org/10.1186/s12913-018-3537-4)

10. N. W. Busakhala, P. J. Waako, M. R. Strother, A. K. Keter, **G. K. Kigen**, F. C. Asirwa, and P. J. Loehrer, 'Randomized Phase IIA Trial of Gemcitabine Compared with Bleomycin Plus Vincristine for Treatment of Kaposi's Sarcoma in Patients on Combination Antiretroviral Therapy in Western Kenya', *J Glob Oncol* (2018), 1-9 (**Journal Article**)

[DOI: 10.1200/JGO.17.00077](https://doi.org/10.1200/JGO.17.00077)

## 2017

11. S. Pastakia, M. Miller, B. Njuguna, E. Schellhase, W. Aruasa, R. Karwa, I. Manji, T. Tran, and **G. Kigen**, '324. Advancing Clinical Practice in Western Kenya through the Moi Teaching and Referral Hospital Clinical Pharmacy Center of Excellence', *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*, 37 (2017), e213-e13 (**Published Abstract**)

[DOI: 10.1002/phar.2052](https://doi.org/10.1002/phar.2052)

12. **G. Kigen**, W. Kipkore, B. Wanjohi, B. Haruki, and J. Kemboi, 'Medicinal Plants Used by Traditional Healers in Sangurur, Elgeyo Marakwet County, Kenya', *Pharmacognosy Res*, 9 (2017), 333-47 (**Journal Article**)

[DOI: 10.4103/pr.pr.42.17](https://doi.org/10.4103/pr.pr.42.17)

13. **G. Kigen**, N. Busakhala, Z. Kamuren, H. Rono, W. Kimalat, and E. Njiru, 'Factors Associated with the High Prevalence of Oesophageal Cancer in Western Kenya: A Review', *Infect Agent Cancer*, 12 (2017), 59 (**Journal Article**)

[DOI: 10.1186/s13027-017-0169-y](https://doi.org/10.1186/s13027-017-0169-y)

14. Rakhi Karwa, Dan N. Tran, Mercy Maina, Benson Njuguna, Imran Manji, Paul Wasike, Edith Tonui, **Gabriel Kigen**, and Sonak D. Pastakia, 'Addressing the 3A's (Availability, Accountability, Adherence) of Supply Chain Systems in Western Kenya', in *Mobilizing Chemistry Expertise to Solve Humanitarian Problems Volume 1* (American Chemical Society, 2017), pp. 129-57 (**Book Chapter**)

[DOI: 10.1021/bk-2017-1267.ch009](https://doi.org/10.1021/bk-2017-1267.ch009)

15. M. Longhi, A. Merlo, L. Raccagni, MI. Reinoso, JE. Ruggieri, B. Clark, I. Coombes, M. Dooley, A. Matthews, K. Michaels, D. Rowett, N. Shaw, Z. Costa, SN. Leite, L. Soares, P. Acuna-Johnson, R. Alvarez, S. Bonilla, P. Carreno, S. Yan, J. Dechun, L. Chen, B. Badilla, A. Figueroa, LF. González, GS. García, R. Audu, D. Danquah, M. Duwiewua, J. Martey, C. John, N. Arakawa, S. Yamamura, R. Karwa, **G. Kigen**, I. Manji, M. Miller, E. Schellhase, T. Tran, JA. Jamal, B. Efendie, MHN. Mohamed, R. Zainal, D. Kibuule, T. Mangombe, V. Nangombe, T. Rennie, P. Acosta, G. Mabel, Z. Vera, LR. Baião, M. Caramona, FA. Costa, B. Sepodes, L. Chew, WK. Chui, TS. Wu, M. Eksteen, J. Hattingh, S. Malan, L. Osman, R. Adome, E. Ereeta, H. Orla, K. Rajab, O. Ahdab, D. Thomas, S. Gleason, L. Maine, R. Nemire, M. Kampamba, M. Hampango, J. Hangoma, LT. Muungo, I. Magaya, and T. Monera-Penduka, 'Progress Towards the Pharmaceutical Workforce Development Goals (Pwds)', in *Research, development and evaluation strategies for pharmaceutical education and the workforce: A global report - wholeSEM*, ed. by Lina R. Bader and Ian Bates (The Hague, Netherlands: Fédération Internationale Pharmaceutique (FIP), 2017), pp. 9-30  
(**Chapter**)  
[https://fip.org/files/fip/publications/RDES\\_FIPed.pdf](https://fip.org/files/fip/publications/RDES_FIPed.pdf)
16. F. Some, M. Koech, E. Chesire, and **G. Kigen**, 'Reversal of Tenofovir Induced Nephrotoxicity: Case Reports of Two Patients', *Pan Afr Med J*, 27 (2017), 126 (**Journal Article**)  
[DOI :10.11604/pamj.2017.27.126.10033](https://doi.org/10.11604/pamj.2017.27.126.10033)
17. E. Njiru, J. Abdulkadir, Z. Kamuren, and **G. Kigen**, 'Early Neurosyphilis Presenting with Facial Palsy and an Oral Ulcer in a Patient Who Is Human Immunodeficiency Virus Positive: A Case Report', *J Med Case Rep*, 11 (2017), 134 (**Journal Article**)  
[DOI: 10.1186/s13256-017-1297-0](https://doi.org/10.1186/s13256-017-1297-0)
18. **G. Kigen**, and G. Edwards, 'Drug-Transporter Mediated Interactions between Anthelmintic and Antiretroviral Drugs across the Caco-2 Cell Monolayers', *BMC Pharmacol Toxicol*, 18 (2017), 20 (**Journal Article**)  
[DOI: 10.1186/s40360-017-0129-6](https://doi.org/10.1186/s40360-017-0129-6)

2016

19. **G. Kigen**, and G. Edwards, 'Intracellular Accumulation of Praziquantel in T Lymphoblastoid Cell Lines, CEM (Parental) and CEMVBL (P-gp-overexpressing)', *BMC Pharmacol Toxicol*, 17 (2016), 37 (**Journal Article**)

[DOI: 10.1186/s40360-016-0079-4](https://doi.org/10.1186/s40360-016-0079-4)

20. **G. Kigen**, A. Maritim, F. Some, J. Kibosia, H. Rono, S. Chepkwony, W. Kipkore, and B Wanjoh, 'Ethnopharmacological Survey of the Medicinal Plants Used in Tindiret, Nandi County, Kenya', *Afr J Tradit Complement Altern Med*, 13 (2016), 156-68 (**Journal Article**)

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### Journal Reviews

- **Editorial Board**

2018 - to date Pharmacognosy Research, <http://www.phcogres.com/editorialboard.asp>

- **Journal reviewer**

March 2020 - Evidence-Based Complementary and Alternative Medicine;  
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2016 - to date African Journal of Traditional, Complementary and Alternative Medicines;  
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2014 - to date Biological Research; <http://www.biolres.com/>

2012 - to date African Journal of Pharmacology and Therapeutics;  
<http://journals.uonbi.ac.ke/ajpt>

2011- to date PLOS ONE; <http://www.plosone.org/>

2010 - to date Institutional Ethics and research Ethics Committee (IREC) -Moi University School of Medicine/Moi teaching and referral Hospital; <http://irec.or.ke/>

### Referees

- Prof Alice Maritim,



Associate Professor,  
Department of Pharmacology and Toxicology,  
Moi University School of Medicine  
P O Box 4606 - 30100,  
Tel: +254 711 174632,  
Eldoret, Kenya  
E-mail: [amaritim2002@yahoo.com](mailto:amaritim2002@yahoo.com)

- Prof Sylvester Kimaiyo,  
AMPATH Program Manager & Associate Professor,  
Department of Medicine,  
Moi University School of Medicine  
P O Box 4606 - 30100,  
Tel: +254 53 2033471/2,  
Eldoret, Kenya  
Email: [skimaiyo@yahoo.com](mailto:skimaiyo@yahoo.com)
- Prof Paul. O. Ayuo,  
Professor of Medicine,  
Department of Medicine,  
Moi University School of Medicine  
P O Box 4606 - 30100,  
Tel: +254 701 018758,  
Eldoret, Kenya  
E-mail: [a\\_ayuo@yahoo.com](mailto:a_ayuo@yahoo.com)