

ACADEMIC STAFF PROFESSIONAL PROFILE FORM



1. Personal Data

Name: MOKUA GLADYS NYAMOITA
Title/Qualifications: DR./ PhD.
Department/Unit/Section: PHARMACOGNOSY/PHARMACEUTICAL CHEMISTRY
Contact Address: 15666-00503, MBAGATHI
Position: LECTURER
Area of Specialization: Medicinal Chemistry (Phytochemistry)/Chemical Science
Research Interests:
<ul style="list-style-type: none"> • Research in Natural Products Chemistry, Screening and toxicity evaluation of traditionally used plants, biological testing of plants for their antimicrobial, antileptic, antidiabetic, antimalarial, anti-HIV and insecticidal activities. • Development and formulation of phytomedicines and botanical insecticides.

2. Conference Presentations

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1.	Dr. Mokuia GN	Current Status of HIV/Aids in Kisii County	Karen, Nairobi	28 th March 2018	NRF funding
2.	Dr. Mokuia GN	Scientific paper publication	Kenyatta University	27 th Jan. 2016	-
3.	Dr. Mokuia GN.	Evaluation of analgesic properties and phytochemical screening of <i>Titbonia diversifolia</i> leaf extract.	Kenyatta University, Nairobi	2 nd Oct. 2015	-
4.	Dr. Mokuia GN	Integration of Complementary/Alternative Medicine into the Pharmacy Curriculum of Kenyatta University”	Laico Hotel, Nairobi	26 th June 2015	-
5.	Dr. Mokuia GN	Comparison of the Effects of Extracts from Three <i>Vitex</i> Plant Species on <i>Anopheles gambiae</i> s.s. (Diptera: Culicidae) Larvae.	Hilton Hotel, Nairobi	Oct. 2014	-

3. Research

S/ No	Researcher(s)	Year	Title	Donor	Funding (US\$)
1.	Dr. Mokua, Dr. Maroko, Dr. Onyambu, Dr. Nyakundi	2018	A Situational Analysis of HIV/Aids Intervention Measures in Kisii County,	National Research Forum	100,000
2.	Dr. Mokua	2012	Laboratory and semi-field evaluation of some <i>Vitex</i> species for larvicidal activity against <i>Anopheles gambiae</i> larvae.	DAAD	30,000

4. Funded projects

S/ No	Researcher(s)	Year	Title	Granting Body	Funding (US\$)
1.	Dr. Mokua, Dr. Maroko, Dr. Onyambu, Dr. Nyakundi	2018	A Situational Analysis of HIV/Aids Intervention Measures in Kisii County,	National Research Forum	100,000
2.	Dr. Mokua	2012	Laboratory and semi-field evaluation of some <i>Vitex</i> species for larvicidal activity against <i>Anopheles gambiae</i> larvae.	DAAD	30,000

5. Publications

S/No.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1.	Mokua et.al.,	2013	Comparison of the Effects of Extracts from Three <i>Vitex</i> Plant Species on <i>Anopheles</i>	<i>Acta Tropica</i> 127: 199-203.	

			<i>gambiae</i> s.s. (Diptera: Culicidae) Larvae		
2.	Mokua et al.,	2013	Time-course effects of <i>Vitex schiliebenii</i> (Varbenaceae) solvent extracts on <i>Anopheles gambiae</i> giles s.s. larvae under simulated semi-field conditions.	<i>Novus Natural Science Research</i> . 2 (1): 1-8.	
3.	Mokua et al.,	2013	Larvicidal and brine shrimp activities of <i>Vitex schiliebenii</i> extracts and isolated phytoecdysteroids on <i>Anopheles gambiae</i> giles s.s larvae.	<i>Journal of Applied Pharmaceutical Science</i> . 3 (5): 91-95.	
4.	Mokua et al.,	2013	Chemical composition and evaluation of mosquito-larvicidal activity of <i>Vitex payos</i> extracts against <i>Anopheles gambiae</i> Giles S.S larvae	<i>Spatula Drug Discovery</i> . 3 (3): 113-120.	
5.	Mokua GN	2013	Toxicity of Individual and Blends of Pure Phytoecdysteroids Isolated from <i>Vitex Schiliebenii</i> and <i>Vitex Payos</i> against <i>Anopheles Gambiae</i> S.S. Larvae.	<i>World Journal of Organic Chemistry</i> , 1 (1): 1-5	
6.	Mokua et al.,	2008	Anti-Larval Activity of Crude Plant Extracts	Proceedings of Pan African Chemistry	

			from <i>Vitex Schliebenii</i> and <i>Vitex Payos</i> (Verbenaceae)	Network Biodiversity Conference	
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6. Consultancy and community service

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)
1.	Vacational Bible School Director	SDA church-Olekasasi	2017-2018	Pillars of Faith & Deep Sea Discovery	
2.	Church Clerk	SDA church-Olekasasi	2018	Church secretary	
3.	Church Treasurer	SDA church-Olekasasi/Ongata Rongai East District Treasurer	2016-2017	Treasurer	

7. Affiliation to Professional Bodies

S/No	Name of professional body
1.	Royal Society of Chemistry
2.	Natural Product Research for East and Central Africa

8. National and International awards and Recognitions

S/No	Name of award or Recognition	Awarding Organization/Body	Year
1.	Research grant	National Research Forum	2018
2.	Research grant	NAPRECA-DAAD	2014
3.	Research grant	ICIPE	2008

9. External Examination (if any)

S/No	Institution	Year
	N/A	

10. Supervision of postgraduate students (if any)

S/No	Name of student	Thesis title	Status of project(e.g. First year etc)
1.	Urbanus Mutiso Muthusi (BSc.N)	Knowledge and Utilization of Partograph among Obstetric Caregivers in Health facilities in Makeni County	Data collection-2 nd year
2.	Amelia Liabule	Assessment of Physico-Chemical Parameters and Selected Inorganic Chemicals in River Mkurumdzi water, Sediments and Fish and their Health	Completed proposal preparation-2 nd year

		Implications on Consumer Communities in Kwale County, Kenya (Case Study Of Titanium Mining)	
3.	Mutuku Sylvester Muoka (Bscm)	Factors Affecting Utilization Of Hepatitis B Virus Vaccine Among Health Care Workers In Tharaka Nithi County	Completed proposal preparation-2 nd year
4.	Patrick Waithaka Kamundia	Factors Affecting National Hospital Insurance Fund Uptake among Informal Sector Inpatients at Kiambu Level 4 Hospital in Kenya	Proposal preparation-2 nd year
5.	Risala Hussein	Assessment of the Influence of Anti-FGM Campaign on Female Genital Mutilation Practices in Garissa County, Kenya	Proposal preparation-2 nd year
6.	Vivian Khatenje Shikoli	Exposure levels of oxides of nitrogen and its health implications among hawkers in Nairobi county, Kenya	Proposal preparation-2 nd year

11. Patents (if any)

S/No	
	N/A

12. Administrative positions held to date

Departmental representative to the School of medicine's Postgraduate Committee.

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