

## DEPARTMENT OF CHEMISTRY/BIOCHEMISTRY



**Name of Faculty/Staff:** Dr. Esther W. Kinuthia, PhD  
**Designation/Rank:** Lecturer  
**Laikipia University:** School of Science & Applied Technology  
**Email:** [ekinuthia@laikipia.ac.ke](mailto:ekinuthia@laikipia.ac.ke)

### **Educational Background:**

- PhD (Chemistry of Natural Products), Egerton University, Kenya (2019)
- Masters in (Chemistry of Natural Products), Egerton University, Kenya (2009)
- Bachelor's in Chemistry (BSc), Egerton University, Kenya (2002)
- Diploma in (Analytical Chemistry), Eldoret Polytechnic, Kenya (1997)
- Diploma in Theology, Presbyterian Church of East Africa

### **Brief Auto-biography of the Faculty/Staff**

Dr. Esther W. Kinuthia is a lecturer and a researcher in chemistry of Natural Products. She is also a Christian and an Elder in Presbyterian Church of East Africa.

### **PUBLICATIONS**

1. Esther W. Kinuthia<sup>a</sup>, Moses K. Langat<sup>b\*</sup>, Elizabeth M. Mwangi<sup>a</sup> and Peter K Cheplogoi<sup>a</sup> **(2012)**. Constituents of Kenyan *Gardenia volkensii*. *Natural Products Communication* 7.
2. Kinuthia E. Wanjiru\*, Mwangi E. M., Cheplogoi P. K. **(2013)**. Screening for antimicrobial compounds in *Gardenia volkensii* fruits (Rubiaceae). *International Journal of Scientific & Engineering Research*, Vol 4, Issue 4.

3. Kodi Philip<sup>1\*</sup>, Kwetegyeka Justus<sup>1</sup> and Wanjiru Kinuthia Esther<sup>2</sup> (2016). Synthesis, Characterization and In vitro Antimicrobial Activity of Aspartoyl Derivatives. *Chemical Science International Journal* 17(4): 1-11; Article No.CSIJ.22401.
4. Kinuthia EW, Langat MK, Mwangi EM, Cheplogoi PK and Njue WA **(2018)**. Terpenoids from Kenyan *Leonotis mollissima*. *Journal of Pharmacognosy and Phytochemistry* 7(6): 981-921.
5. Kinuthia E.W, Mwangi E.M. **(2018)**. Compounds from Kenyan *Meyna tetraphylla*. *International Journal of Scientific Engineering and Research* .Vol. 6, issue 12: 142-147.
6. Kinuthia Esther Wanjiru, Mwang Elizabeth Muthoni, Cheplogoi Peter Kiplagat **(2019)**. Compounds from *Turraea abyssinica*. *Iconic Research and Engineering Journals*, Vol 2, Issue 11 ISSN: 2456-8880.
7. Eather Wanjitu Kinuthia (2022). Antimicrobial Activity of Kenyan Laikipia County *Leonotis mollissima* Plant Extract. Volume 1, Number 1, 2022ISSN N0 2791-1926. *Journal of Science and Applied Technology*

### **Research Interest**

Chemistry Natural Products in herbal medicinal plants

### **Responsibilities**

- Examination Officer
- Detergent marking

### **Extra Curriculum**

- Kenya Chemical Society
- Elder at Presbyterian Church of East Africa.
- Welfare of Orphans & Vulnerable Children at Presbyterian Church of East Africa