

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY



Name of Staff: Isaac Njangiru

Designation/Rank: Senior Technologist

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Educational Background:

- Masters in **Medical Biochemistry**, Kenyatta University, Kenya, 2017.
- Bachelors in **Biochemistry**, Moi university, Kenya 2009.

Brief Auto-biography of the Faculty/Staff

Mr Njangiru began his career as a research analyst in academic research, industrial and diagnostic laboratories in Kenya. Upon attaining his BSc in Biochemistry from Moi University in 2009, he became a senior quality analyst and head of water production and quality standards officer. He has since graduated with an MSc in Medical Biochemistry from Kenyatta University and is currently serving as a senior technologist in the department of Chemistry and Biochemistry, Laikipia University.

Selected publications

- a. **Njangiru IK**, Gitimu, MR. and Njagi, ENM, 2017. In Vivo Antidiabetic Activity of Aqueous Extract of *Psidium guajava* in Alloxanised Diabetic Mice. *Journal of Medical Biomedical and Applied Sciences*, 5(1), pp.01-06.
- b. Gitimu MR, **Njangiru KI**, Mutua ND, Waithaka KS, Juma KK, *et al.*, 2016. Paediatric and Young Adults Reference Values for Renal, Cardiac and Pancreatic Function Tests for the Population of Taita Taveta County. *Biochemistry and Analytical Biochemistry* 5:295. doi: 10.4172/2161-1009.1000295.

- c. **Njangiru IK** and **Njeri LK**. Effects of Oral Administration of Aqueous Extract of *Tridax procumbens* on Body Organs and Hematological Parameters. *International Journal of Contemplary Research and Review*. Do1:10.15520/ijcrr/2017/8/04/164.
- d. Njeri LK, **Njangiru IK**, Eliud NM Njagi and George O Orinda, 2017. Antidiabetic Activity of Administration of Aqueous Extract of *Berberis Holstii*. *Journal of Diabetes and Metabolism*. DOI: 10.4172/2155-6156.1000774
- e. Gitimu RM, **Njangiru IK** and Njagi ENM., 2017. Need for Reference Ranges for Liver Function Tests in Infants and Children from Taita Taveta County, Kenya. *Journal of Clinical Chemistry and Laboratory Medicine*.

Research Interest

- Drug discovery and design
- Biochemistry of Natural products
- Medicinal chemistry