



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: MS WINNIE CHEPKIRUI LANGATT

Faculty:	Applied Sciences and Technology
School:	Biological and Life Sciences
Department:	Biochemistry and Biotechnology
Current Designation:	Graduate Assistant, BIOCHEMISTRY AND BIOTECHNOLOGY (DBB)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	winnielangatt@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	BIOCHEMISTRY	KENYATTA UNIVERSITY(Kenya)	2023
Postgraduate Diploma	EDUCATION	KENYA METHODIST UNIVERSITY(Kenya)	2014
Bachelor of Science (BSc)	biochemistry	KENYATTA UNIVERSITY (Kenya)	2011
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	KIPSIGIS GIRLS HIGH SCHOOL(Kenya)	2005

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2014 - TO DATE	THE TECHNICAL UNIVERSITY OF KENYA	GRADUATE ASSISTANT

GENERAL STATEMENT ON RESEARCH AREAS

Determination of impacts of irrational use of antibiotics on gut microbes, vital organs, immune response and induction of oxidative stress.

CURRENT RESEARCH PROJECTS

EFFECTS OF ANTIBIOTICS MISUSE ON GUT MICROBIOTA, IMMUNE RESPONSE, INFLAMMATION AND OXIDATIVE STRESS IN A MURINE MODEL

Biochemistry, Microbiology, Toxicology

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Plant Anatomy and Physiology	The course entails the learning of the plant body from the plant cell to the plant tissue systems, plant secretory organs, the roots, the stem, the flower and the fruits.	April 2021 - June, 2021
Animal Physiology	Focuses on the anatomy and physiology of mammals. The course majorly entails insights into the mammalian organ systems and how they function.	January, 2021 - March, 2021

EXTRA INFORMATION

DESCRIPTION

FACULTY: FACULTY OF APPLIED SCIENCE AND TECHNOLOGY
SCHOOL: SCHOOL OF BIOLOGICAL AND LIFE SCIENCES
DEPARTMENT: DEPARTMENT OF BIOCHEMISTRY AND BIOTECHNOLOGY