

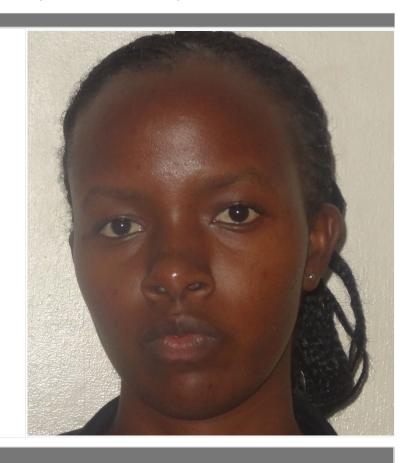
# THE TECHNICAL UNIVERSITY OF KENYA

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#### IAME: MS WINNIE CHEPKIRUI LANGATT

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School:	Biological and Life Sciences
Department:	Biochemistry and Biotechnology
Current Designation:	Graduate Assistant, BIOCHEMISTRY AND BIOTECHNOLOGY (DBB)
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#### 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