



# THE TECHNICAL UNIVERSITY OF KENYA

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Consultation Hours:	8AM-5PM MON - FRI



## EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	PATHOGEN BIOLOGY	HARBIN MEDICAL UNIVERSITY(China)	2019
Masters of Science (M.Sc.)	MICROBIOLOGY	MOI UNIVERSITY(Kenya)	2012
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	TURBO GIRLS SECONDARY SCHOOL(Kenya)	2003

## WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2019 - date	Technical University of Kenya	Lecturer
2015 - 2019	Technical University of Kenya	Tutorial Fellow
2012 - 2015	Moi University (Chepkoilel Campus)	Sessional Lecturer
2012 - 2015	Moi University (Kitale Campus)	Sessional Lecturer
2012 - 2015	Mt. Kenya University	Sessional Lecturer
2009 - 2012	Moi University	TUTOR
2010 - 2011	Kenya Institute of Applied Science (KIAS)	LECTURER

#### GENERAL STATEMENT ON RESEARCH AREAS

General microbiologist specialized in the following areas; i. Biology of human pathogens of fungi and bacteria ii. Microbial interaction iii. Microbial communication and signaling iv. Probiotics

#### CURRENT RESEARCH PROJECTS

Signaling molecule between *Candida albicans* and probiotics    Microbial interaction

#### SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Isolation And Identification Of Bacteria With Bioremediation Potential Of Oil Spills In Lake Nakuru, Kenya	<a href="#">View online</a>	
Antimicrobial and mechanism of antagonistic activity of <i>Bacillus</i> sp. A2 against pathogenic fungus and bacteria: The implication on honey's regulatory mechanism on host's microbiota	<a href="#">View online</a>	
Probiotics as antifungal agents: Experimental confirmation and future prospects	<a href="#">View online</a>	
RNase 1, 2, 5 & 8 role in innate immunity: Strain specific antimicrobial activity	<a href="#">View online</a>	
In vitro synergy of azole antifungals and methotrexate against <i>Candida albicans</i>	<a href="#">View online</a>	
Antimicrobial activity and cytotoxicity of selected medicinal plants found in Nandi County	<a href="#">View online</a>	