



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	Applied Sciences and Technology
School:	Biological and Life Sciences
Department:	Biochemistry and Biotechnology
Current Designation:	Lecturer, BIOCHEMISTRY AND BIOTECHNOLOGY
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Consultation Hours:	8AM-5PM MON - FRI

EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	BIOCHEMISTRY AND MOLECULAR BIOLOGY	HARBIN MEDICAL UNIVERSITY(China)	2018
Masters of Science (M.Sc.)	Biotechnology	PERIYAR UNIVERSITY(India)	2011
Bachelor of Science (BSc)	Biotechnology	PERIYAR UNIVERSITY, SALEM(India)	2009

WORK EXPERIENCE

PERIOD	INSTITUTION POSITION	
01/08/2019 - to date	TUK	Lecturer
May 2013 - October 2014	TUK	SESSIONAL LECTURER
23rd October, 2014 - 01/08/2019	TUK	Tutorial Fellow

GENERAL STATEMENT ON RESEARCH AREAS

Research in Cancer, Liver Cancer, use of Juglone as a preventive agent against Liver cancer.

CURRENT RESEARCH PROJECTS

CANCER Liver Cancer

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Enhancement of DEN-induced liver tumorigenesis in heme oxygenase-1 G143H mutant transgenic mice Jianfeng Jina, 1, Dayong Wanga, 1, Haifeng Xiaoa, Huiyan Weia, Cedric Matundaa, He Zhanga, Xin Lic, Chuxuan Wangd, Chaoxia Zoua, d, Xu Gaoa, d, Weiming Zhaoa, , , Qiang Lia, b, ,	http://dx.doi.org/10.1016/j.bbrc.2016.10.148
CPEB3-mediated MTDH mRNA translational suppression restrains hepatocellular carcinoma progression He Zhang 1, Chendan Zou 1, Zini Qiu 1, Fang E 1, Qiang Li 2, Miao Chen 3, Dayong Wang 1, Qinrui Tan 1, Wanli Yin 1, Cedric Matunda 1 4, Hefei Wang 1, Yongjian Zhang 5, Chao Zhan 5, Chuxuan Wang 6, Yue Wu 1, Xiuchen Xuan 1, Yayan Wang 1, Chaoxia Zou 7 8, Guixiang Lv 9, Xu Gao 10 11 12 13PMID: 3296805. PMID: PMC7511356 DOI: 10.1038/s41419-020-02984-y	http://10.1038/s41419-020-02984-y
Isolation of Bioactive Secondary Metabolites from Seaweeds Amphiroa anceps against Chicken Meat Associated Pathogens Lubobi Sf, Cedric Matunda, +1 B Omboki. Published 2016. Biology DOI:10.4172/2472-1212.1000113. Corpus ID: 53623576	http://10.4172/2472-1212.1000113.

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Nanotechnology	modern Science and discoveries	May, 2013 - TO-DATE
Plant Biotechnology	Handling and new Techniques in improving the field	May, 2013 - TO-DATE
Industrial Biotechnology	biotech techniques in modern industries	May, 2013 - TO-DATE
Bioreactors & Biocatalyst	new technology in industrial market	May, 2013 - TO-DATE
Vaccine production Techniques	improve vaccine production and delivery chanel	May, 2013 - TO-DATE
Genetic Engineering techniques	Handling and application of genetic tools	May, 2013 - TO-DATE
Animal biotechnology	knowledge to handle the techniques	May, 2013 - TO-DATE
Plant Biotechnology & Tissue culture techniques	Applications & the benefits of biotechnology in plants	May, 2013 - TO-DATE

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE INSTITUTION

Lecturer TuK