

# GRANT PROFILE DEPARTMENT OF BIOCHEMISTRY YR 2022-2023

**Note: This information was extracted from individual staff appraisal forms of 2022-2023**

							<b>Grant Type</b>	<b>Status</b>
	<b>Names on Grant</b>	<b>Title of Grant</b>	<b>Vote No.</b>	<b>Funding Organisation</b>	<b>Dates of Grant</b>	<b>Grant Amount (KES)</b>	<b>(Pick from list)</b>	<b>(Pick from List)</b>
1	Francis Mulaa	ThermoK - Thermophilic break-down of keratin-laden biomass waste		National Research Fund	2022	9,600,000	Research	New
2	Francis J. Mulaa, George Ooko Abong, Damaris N. W. Mbui, Thomas Ochuku Mbuya, Mary Kinoti,	Circular Retrofitting for Sustainable Industrialization (GeckoCIR)		Danida	2022	36,679,482	Research	New
3	Francis Mulaa, Wycliffe Chisutia Wanyonyi, Frank Kansiime, Suhaila Hashim, Bo Mattiasson, Joab Ouma,	Piloting and Commercialization of Economically Viable Leather Processing Technology for Environmental Protection and Zero Waste Discharge		Bioinnovate-Africa	2017	75,000,000	Research	Completed
4	Francis Mulaa, Wycliffe Chisutia Wanyonyi, John Onyari	Development of Biodegradable Thermoplastic and Polymers from Waste Feathers Using Enzymatic Technology for Clean Environment		National Research Fund	2018	14,000,000	Research	On going
5	Esther Kanduma, Virginia Wangonde, Catherine	TWAS-ELSEVIER GENDER EQUITY CLIMATE		UNESCO-TWAS AND ELSEVIER	01/11/2022	USD 21,999	Development	On going

	Taracha, Beatrice Tuei and Fiona Mumoki	ACTION GRANT						
6	Edward Muge, Betty Mbatia, Jonathan Mwangi, Geoffrey Muriira and George Obiero	Incooperating Local Microbes Towards Integrated Effective Industrial Waste Treatment and Bio surfactant Recovery: A Case Study of Petroleum Processing Wastes		NRF	2017	3,100,000	Research	On going
7	Albert Wafula Nyongesa, Hesbon Odongo, George Obiero, Rodi Ojoo, Jael Obiero and Agnes Indetie	USE OF LOCALLY AVAILABLE RESOURCES FOR DEVELOPMENT OF OESTROGEN AND PROGESTERONE ELISA KITS FOR RESEARCH AND DIAGNOSTICS TO ENHANCE LIVESTOCK PRODUCTIVITY		NRF	2019-2023	17,000,000	Development	On going
8	Martin Mulinge	HIV-1 Genetic diversity and transmission dynamics in female sex workers		PHERT via NIH	Jul-18	1,000,000	Research	On going
9	Joshua Herbeck	SHARP grant covers the sequencing costs from grant 1)		NIH	Ongoing	2,000,000	Research	Completed
	Esther Maina, Martin Mulinge, Ezekiel Mecha, Esther Kanduma	Prostate cancer transcriptomics project		NRF	Funded	10,000,000.00	Research	New

10	CDC-RFA-1-IP21-2101	Surveillance and Response to Avian and Pandemic Influenza by National Health Authorities Outside the United States		United States Centers for Disease Prevention and Control (CDC)	10/1/2021 to 09/30/2025	44,000,000	Research	On going
11	LEAP-Agri	Multisectoral Strategy for brucellosis control in Eastern Africa (MUSBCEA)-Kenya		Capacitating One Health in Eastern and Southern Africa (COHESA)	Dec 2021 - Dec 2025	1,424,000	Research	On going
12	CDC-RFA-1-IP21-2101	Surveillance and Response to Avian and Pandemic Influenza by National Health Authorities Outside the United States		United States Centers for Disease Prevention and Control (CDC)	10/1/2021 to 09/30/2025	44,000,000	Research	On going
13	Ezekiel Mecha	Travel grant to attend the 18th Thomas More University of Applied Sciences International Days		Thomas More University of Applied Sciences, Antwerp, Belgium	12th March 2023	210,000	Training	Completed
14	Ezekiel Mecha	Travel grant to attend the 15th World Congress on Endometriosis		World Endometriosis Society	3rd May 2023	312,000	Training	Completed
	Ezekiel Mecha	Mobility grant to attend the Staff erasmus exchange program		European Union Erasmus Plus grant by Cardenal Herrera University, Valencia, Spain	12th May 2023	290,000	Training	Completed

15	Herve Vanderschuren, Christine Rey, Gallois Jean-Luc, Evans N. Nyaboga, Eliud K. Ngugi	Cassava Sustainable Advancement and Nurturing by Discovery of Disease Resistance Alleles	500653375	LEAP-Agric and European Union	September 1, 2018 - August 30, 2022	8,000,000	Research	Completed
16	Joshua Njiru, Evans N. Nyaboga, Kenneth Mburu	Food Safety and Forensics: Development and Use of Proteomics and DNA-based technologies for the Detection of Adulterated and Counterfeited Meat and Meat Products in Kenya		NRF, Kenya	December 2019 - December 2023	16,100,000	Research	On going
17	Kenneth Mburu, Joshua M. Njiru, Evans N. Nyaboga	The Use of Tissue Culture and Recombinant DNA Technologies for the Development of Drought Tolerant Pigeon peas		NRF, Kenya	December, 2018 - December 30, 2023	14,000,000	Research	On going
18	Herve Vanderschuren, Christine Rey, Gallois Jean-Luc, Evans N. Nyaboga, Eliud K. Ngugi	PHEALING: Post Harvest Losses Mitigation by Improved Plant Healing	500653387	EU- Food Systems and Climate Change (FOSC)	January 2023 - December 2025	8,000,000	Research	New
	Caroline Wasonga, Joel Lutomiah, Allan Olekwallah, Michael Kiraithe	Isolation and Purification of Nairobi Sheep Disease Virus for Development of A Thermostable Vaccine		IVVN	Sept 2020 to 2023	3,428,360	Research	On going

19	Prof. Julius Oyugi, Dr. Dufton Mwaengo, Dr. Nelson Onyango, Dr. Rachel Sarguta, Dr. Jane Kabo, Dr. Linda Chaba, Dr. Carolyne Wasonga	Development of a Point of Care Covid-19 Test, Modeling of Case Management and Simulations of Covid-19 Interventions: Multi-Disciplinary Approach To Controlling Covid-19 in Kenya		NRF	202 to 2024	19,980,627	Research	On going
20	Nelson Khan	Exploration of organochlorine pesticides (OCPs) degrading bacteria in polyextreme ecosystems for potential applications in bioremediation .		International Foundation For Science	June 2017 to June 2023	1,200,000	Research	Completed

Prepared by .....Date.....