



REPUBLIC OF KENYA



SHORTLISTED CONCEPT NOTES FOR UPSCALING OF FOOD AND NUTRITION SECURITY RESEARCH PROJECTS - NRF004/2023

The Call for Upscaling of Food and Nutrition Security Research Projects (NRF/004) and Upscaling of Health of Research Projects (NRF/005) closed on 20th June 2023. The submitted concept notes were subjected to an eligibility check and submitted for review by thematic experts. Following the conclusion of the review process, the concept notes listed below have been shortlisted to proceed to the full proposal stage.

S/No.	NAME OF PI.	NAME OF INSTITUTION	PROJECT TITLE
1	Dr. Lawrence Mugunieri Godiah;	Kenya Agricultural and Livestock Research Organisation-Biotechnology Research Institute (KALRI-BioRI, Mugunga)	Upscaling utilisation of improved dairy cattle genotypes for enhanced incomes and food security
2	Dr. Eston Shadrack Njeru	Kenya Agricultural and Livestock Research Organization (KALRO)	Upscaling the intensification and commercialization of Moringa Oleifera for enhanced food and nutrition security, climate resilience and incomes
3	Prof. Joshua Arimi	Meru University of Science and Technology	White gold: Polishing crude Camel milk into Glittering white gold for Arid and Semi-arid regions in Kenya -SCORELINE
4	Prof. Geoffrey Muluvi	South Eastern Kenya University (SEKU)	Upscaling Moringa Oleifera for sustainable food, medicinal and nutrition security in the ASALs (MONSTA)
5	Dr. Finyange N. Pole	KALRO	Upscaling Mango productivity, postharvest, value addition and marketing technologies for enhanced income, nutrition, and food security of smallholder farmers in Kwale and Tana River counties of Coastal Kenya



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6	Ms Lilian Kerio	KALRO	Upscaling the production and marketing of high-value diversified tea and tea-fortified products in the Kenyan tea industry
7	Prof. Mary Abukutsa-Onyango	Jomo Kenyatta University of Agriculture and Technology	Upscaling African Indigenous Vegetables Climate Smart Technologies for Food and Nutrition Security in Kenya
8	Prof. Rewe Thomas	Great Lakes University of Kisumu-GLUK	Valorization of Bio-Slurry in Kenya: Upscaling the Multidisciplinary Biogas-Crop Integration Project (NRF/R/2016/045) – (Acronym: BioVal)
9	Dr. Carlyne A. Omukoko	Chuka University	Sustainable production of common beans using Trichoderma spp and biochar to increase yields and control Pests.
10.	Prof. Romano Mwirichia Kachiuru	University of Embu	Bio-based Agro-inputs for Nutrition Security and Sustainable Agriculture (BANSSA)
11.	Dr. Samuel M. Mbuku	KALRO	Scaling-up Multiplication and Distribution of Improved Sahiwal Cattle Genetics in Kenya (SaGeD)

SHORTLISTED CONCEPT NOTES FOR UPSCALING OF HEALTH RESEARCH PROJECTS- NRF005/2023

S/N	NAME OF PI.	NAME OF INSTITUTION	PROJECT TITLE
1.	Prof. Nicholas Kamindu Gikonyo	Kenyatta University	Upscaling and Commercialization of Essential Oils for Aromatherapeutics of Infectious Diseases
2.	Prof. Maurice Vincent Omolo	Masinde Muliro University of Science & Technology (MMUST),	Commercialisation of a Topical Treatment for Tungiasis (CoToTT)
3.	Dr. Njue James Kinoti	Kenyatta University	Cervical Cancer: Human Papillomavirus Genotypes-Epidemiology, Acceptability of Screening, Vaccination and Treatment Among Women In Northern Kenya.



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4.	Dr. Noah Machuki Onchieku	Pan African University Institute for Basic Sciences Technology and Innovation (PAUSTI) Kenya Medical Research Institute (KEMRI)	Development of an Integrated Data Dashboard for Genomics Epidemiology of Artemisinin Resistant Human Malaria Parasites in Kenya: Towards Achievement of Kenya's Vision 2030's Digital Health Program
5.	Dr. Meshack Ondora	Kenyatta University	Validation And Commercialization of Herbal-Based Products for The Management Of Respiratory Diseases And Boosting Natural Immunity
6.	Prof. Romanus Odhiambo	Meru University of Science and Technology	Human Papillomavirus(HPV) detection for cervical cancer screening in Meru, Kenya
7.	Dr. Fatuma Some	Moi University	Hepatitis B Screening, Vaccination and Linkage to Care in Marigat Sub-County, Baringo County. (HeBClear
8.	Prof. George Kamucha	University of Nairobi	Upscaling Of Health Research Projects
9.	Dr. James Kariuki Ngumo	KEMRI	Exploring acceleration of the demand-and-use research evidence among counties health managers through customization of generative artificial intelligence in Kenya

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