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① This is approved
for announcement
for 390M for research
call for proposals.
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KENYA MEDICAL RESEARCH INSTITUTE

INTERNAL MEMO

From: Ag. Director (Research & Development)	Date: 13 TH January 2023
To: Director General & CEO KEMRI	Ref: KEMRI/IRD/012/20

RE: KEMRI INTERNAL RESEARCH GRANTS CALL FY 2022-2023

Please find attached call for Internal Research Grant FY 2023 for your kind review and approval.

Yours sincerely,


Dr. Veronica Manduku

For: Ag. Deputy Director Research & Development

Encl. - IRG FY 2022-2023



In Search of Better Health

KENYA MEDICAL RESEARCH INSTITUTE

INTERNAL OFFICE MEMO

FROM: Ag. Chair, IRG Committee	DATE: 9 th January, 2023
TO: Director, DRD	REF: KEMRI/IRG/012/20

SUBJECT: KEMRI INTERNAL RESEARCH GRANTS CALL FY 2022-2023

Following the deliberations of 282 SSC Meeting on 29th November 2022 which recommended that IRG Committee and SSC sub-committee on Resource Allocation work on finalization of IRG Call FY 2022/23. We have since then, finalized on the call and agreed that the call should be circulated to scientists for Grant applications.

We have worked on the IRG Call and made a budgetary proposal for operationalization of the Research Grant Funds as per attached herewith schedule in Table 3. In this regard, I wish to request your Office to take this to the next level of approval for circulation to avoid further delays in making the call.

Herein please find the schedule of activities;

- i) IRG FY 2022-2023 Call sent to Corporate Affairs by 13th, January, 2023
- ii) Circulation of IRG FY 2022-2023 done by Corporate Affairs by 16th, January, 2023
- iii) Deadline for receiving proposal applications for IRG FY 2022-2023 by 24th, February, 2023
- iv) Proposal applications sorted and sent for reviews by 3rd, March, 2023
- v) Deadline for receipt of reviewers' comments and remarks by 17th, March, 2023
- vi) Proposed review retreat to consolidate and validate findings from 20th, March, 2023
- vii) Recommendations for awards by 31st March, 2023

I am very grateful for the enormous support your office has accorded our committee in ensuring that we can ably support the KEMRI IRG Awards. **Finally, I request for approval to make the IRG 2022/2023 Call soonest possible.**

Yours Sincerely,

Dr. Joseph Mwangangi

Encl. - IRG FY 2022-2023 Calls

KEMRI INTERNAL RESEARCH GRANTS CALL FY 2022-2023 REPORT

1. The KEMRI IRG Funding schemes criteria and the proposed Award/Call Amount is tabulated below

Category	Criteria	Amount
Early Career Scientist (11th Call)	<ul style="list-style-type: none">• The aim is to offer an opportunity to the young scientists to acquire research skills	Kshs 5M
Strategic Initiative (9th Call)	<ul style="list-style-type: none">• Prioritizes thematic area that are of current concern and of big public health impact• The Board PC FY 2022-2023 activities facilitation/Board projects (AWP):<ul style="list-style-type: none">a) Research to Support Universal Health Coverageb) Research on Health Systemsc) Research on Food Safety and Nutritional Conductedd) Develop Indigenous Technologies for Manufacture of Natural Products	Kshs 15M
Multi-disciplinary and Inter-Center Research (7th Call)	<ul style="list-style-type: none">• Research proposals for innovative cutting-edge research in these areas are invited from scientists within the institute for both Multidisciplinary and Inter centre research on competitive basis.• Research proposals should be multidisciplinary in nature i.e., the research teams should include scientists from across the various centres and programmes of the institute.	Kshs 20M

KEMRI Translational Research call 2022/2023	<ul style="list-style-type: none"> • Development of biologically based healthcare products including biopharmaceuticals and diagnostics for key human diseases affecting Kenyans. It may also involve use of indigenous knowledge and standardized dosages, which make traditional medicine safer and more efficacious. Other products may include biologically based topical applications for skin care that are derived from the country's biodiversity that will be affordable to poorer communities in Kenya. • Value addition of healthcare products including new production, processing and packaging. Value addition may also include use of digital tools and enabling technologies such as artificial intelligence and machine learning in conserving biodiversity and ensuring sustainable supply and regeneration of biological resources. • Commercialization of the healthcare products • Product Research, Innovation and Development (Board PC FY 2022/23) 	Kshs 20M
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2. The KEMRI IRG Call for the FY 2022-2023

SN	Call type	Thematic areas for the call	Call Amounts
1	Early Career Scientist	<ol style="list-style-type: none"> 1. Emerging & re-emerging 2. Mental Health & drug and substance abuse 3. Climate change & health 4. Neglected Tropical Disease 5. Non-Communicable Diseases 6. Development of healthcare products 7. One Health 	Kshs. 5 M
2	Multi-Disciplinary and Multi-Centre	<ol style="list-style-type: none"> 1. One Health, AMR, Environment and Climate change 2. NCDs- Mental Health, Cancers and Geriatrics 3. Research Technologies to improve turnaround time in research diagnostics and data processing (Omics, Artificial Intelligence, Big data, Machine Learning, Robotics, Block Chain and internet of things) 4. Post COVID-19 Recovery Strategies and Plans Implemented <p>However, proposals that demonstrate exceptional creativity and potential for great impact will equally be considered.</p>	Kshs 20 M
3	Strategic Initiative Call	<ol style="list-style-type: none"> 1. The call prioritizes thematic area that are of current concern and of big public health impact. 2. Strategic Initiative Call theme shall be determined from time to time by the IRG committee and 	Kshs. 15 M
4	KEMRI Translational Research call	<ol style="list-style-type: none"> 1. Development of biologically based healthcare products including biopharmaceuticals and diagnostics for key human diseases affecting Kenyans. It may also involve use of indigenous knowledge and standardized dosages, which make traditional medicine safer and more efficacious. Other products may include biologically based topical applications for skin care that are derived from the country's biodiversity that will be affordable to poorer communities in Kenya. 2. Value addition of healthcare products including new production, processing and packaging. Value addition may also include use of digital tools and enabling technologies such as artificial intelligence and machine learning in conserving biodiversity and ensuring sustainable supply and regeneration of biological resources. 3. Commercialization of the healthcare products. 	Kshs 20 M

3. INTERNAL RESEARCH GRANT BUDEGT PROPOSAL FOR PENDING ACTIVITIES

Activities	Unit Cost	Total	Total per
1. IRG Call FY 2022/2023 (390,000,000)			
Last year's Deficit	60M	60,000,000	
Multidisciplinary and Multi-Centre Research	20M	80,000,000	
Early Scientific Career/Small Grant Program	5M	85,000,000	
Strategic Initiatives & Board FY 2022/23 Activities Facilitation	15M	85,000,000	
KEMRI Research Translation/Business Innovation Grant	20M	80,000,000	390,000,000
2. M/E IRG Projects Spot Check (Priority area now)		3,000,000	3,976,000
3. IRG Proposal Review FY 2022/2023			
30 pks for 5 days	16,000	2,880,000	
Conference facility	4,000	800,000	
Air fare for 5 pks from outer stations	25,000	125,000	3,805,000
4. New Awardees Training and orientation			
One day SDA for Staff from outside stations (10 People)	15,000	150,000	
Return fare (10 people)	25,000	250,000	
Refreshment for 40 Pks	2,500	100,000	500,000
5. Stakeholders meeting projects			
2 days SDA for 7 people from stations outside Nairobi	15,000	210,000	
Return fare for the 7 Pks	25,000	175,000	
Refreshment for the 100 participants	2,500	250,000	
Stakeholders' follow-up meeting 20 pks for 5 days	16,000	1,920,000	
Conference facility	4,000	800,000	
Air fare for 7 pks from outer stations	25,000	125,000	3,480,000
6. Symposium During 13th KASH Conference February 2023 (Registration fees, travel, best presenters)			
2 days SDA for 7 people from stations outside Nairobi	16,000	224,000	
Return fare for the 7 Pks	25,000	175,000	
Registration for the 50 participants	5,000	250,000	
Presenter Gifts		100,000	
Conference facility		800,000	
Air fare for 7 pks from outer stations	25,000	225,000	1,774,000
7. IRG cycle Management 6 Meetings in Year			
DSA 2 members from outside centers 24 days		840,000	
Air-tickets for members	25,000	300,000	
Refreshments for the Committee and Secretariate	2,500	500,000	
Office communication, printing		100,000	1,740,000
GRAND TOTAL			405,000,000