सत्यमेव जयते

GOVERNMENT OF INDIA
DEPARTMENT OF HEALTH RESEARCH
(Ministry of Health and Family Welfare)
2nd Floor, Indian red Cross Society Building
1, Red Cross Road, New Delhi-110001

CALL FOR CONCEPT RESEARCH PROPOSAL UNDER "GRANT-IN-AID SCHEME FOR INTER-SECTORAL CONVERGENCE AND COORDINATION FOR PROMOTIION AND GUIDANCE ON HEALTH RESEARCH"

Department of Health Research, Ministry of Health and Family Welfare invites "Concept Research Proposals" through online mode in identified research areas under the scheme **"Grant-in-Aid for Inter-Sectoral Convergence & Coordination for Promotion and Guidance on Health Research"** with an aim to promote and co-ordinate Health Research in the Country. The concept research proposals (on prescribed format) may be submitted under following major components of the scheme:

1. ***Research studies with emphasis on Public Health***
2. ***Translational Research Projects***
3. ***Inter-sectoral co-ordination including funding of Joint Projects***
4. ***Cost effectiveness analysis of health technologies through a health technology assessment system***

All relevant details including eligibility criteria, format, and guidelines of the scheme are available on **http://dhronline.in/DHR/**, **www.dhr.gov.in** and **www.icmr.nic.in.**

Last date of Application: 15th January, 2016

CALL FOR CONCEPT RESEARCH PROPOSAL
UNDER
GRANT-IN-AID SCHEME FOR 'INTER -SECTORAL CONVERGENCE & COORDINATION FOR PROMOTION AND GUIDANCE ON HEALTH RESEARCH'

Department of Health Research, Ministry of Health and Family Welfare invites "concept research proposals" in identified research areas under the scheme "**Grant-in-Aid for Inter-Sectoral Convergence & Coordination for Promotion and Guidance on Health Research"** with an aim to promote and co-ordinate health research in the country. The concept research proposals (on prescribed format) may be submitted under following major components of the scheme:

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Objective:

1. To support and encourage focused and deliverable research for estimation of disease burden/ development of new technologies/process, diagnostics, to address health research issues for affordable healthcare in the country.
2. To support studies on the issues pertaining to technology access particularly in the context of Gender & Child health care and under privileged.
3. Translation of leads into products & processes for adoption in public health systems.
4. Development of collaborative health research projects involving different Science &Technology departments/organizations.
5. To evaluate the existing processes/ products/ technologies for their comparative cost effectiveness to save public expenditure.

Who can submit a proposal

a) Govt. Medical Colleges/ Institutes/ Universities; b) Private institutions / NGO registered with DSIR/DHR; c) Individuals holding regular faculty position in universities, medical colleges, post-graduate institutions, recognized R&D laboratories and NGO; and d) professional bodies/ scientific societies/ scientific bodies.

When and how to submit a proposal

Proposals are received against the call for 'concept research proposal' advertised in leading newspapers and on the web sites of DHR and ICMR. The Concept research proposals may be submitted online on **http://dhronline.in/DHR/** (Web based Submission, Processing & Management for Projects of GIA Scheme of DHR). The Principle Investigators of the shortlisted concept research proposals will be requested to submit the detailed (full length) research proposals by online. The PIs will also be required to mandatorily submit 15 hard copies and CD (soft copy of proposal) along with online submission. All projects involving research on human beings/animals must be cleared by the Human Ethics Committee/ Animal Ethics Committee of the respective institute. For details, please visit **http://dhronline.in/DHR/** and **www.icmr.nic.in.**

Duration of the study:

S.N.	Component	Duration of the Study
1.	Research studies with emphasis on public health	maximum 3 years
2.	Translational research projects	1-4 years
3.	Inter-sectoral co-ordination including funding of joint projects	2-3 years per project
4.	Cost effectiveness analysis of health technologies through a health technology assessment system	1-3 years per project

Priority Areas of Research:

Format for Submission of Concept Research Proposal:

Deadline for submission of concept research proposal: 15th January, 2016

Contact us :

Department of Health Research,
2nd Floor, IRCS Building, New Delhi-110001
Email: dhrpmu1@gmail.com
Tel : +91-11-23736085

Format for Submission of Concept Research Proposal

Concept Research proposal need to be prepared with the following sub headings (Mandatory)

1. Title of the project should be clearly spelt out having maximum 25 words.
2. Introduction: Maximum 250 words.
3. Novelty: Maximum 100 words.
4. Relevance of research proposal to public health: Maximum 100 words
5. Relative importance of research proposal in given area: Maximum 100 words.
6. Applicability: (a) Short term: Maximum 50 words

   (b) Long term: Maximum 50 words
7. Outcome: Maximum 100 words
8. Research Design/Methodology: Maximum 200 words
9. Budget.

Please note that the above list will go in the PDF document that you are uploading onto the system. This is in addition to the contents being filled in the remaining fields in the pre-proposal submission form. Once the pre-proposal is shortlisted and result of screening committee is uploaded on the system the PI's will be asked to submit full proposal online in stipulated time frame in the format of DHR GIA proposal. The PIs are also required to mandatorily submit 10 hard copies and CD (soft copy of proposal) along with online submission.

Research studies areas to be taken-up under Grant-in-aid scheme of DHR

1. Research Studies in areas relevant to Public Health.

S.NO.	Priority Area of Research	Topic of the study
	Non-Communicable Diseases	
1.1	Cancer	1.1.1 Estimation of State/region wise disease burden 1.1.2 Profiles of cancers 1.1.3 Risk factors identification 1.1.4 Development and evaluation of algorithms for diagnosis and Management 1.1.5 Other areas relevant to the programme.
1.2	Mental Health	1.2.1 Epidemiological studies for assessing for disease burden and determinants etc. 1.2.2 Development of skills for end of life care 1.2.3 Model projects under Brain Grid with NKN 1.2.4 Development and evaluation of algorithms for diagnosis and management 1.2.5 Other areas relevant to programmes.
1.3	Cardiovascular Diseases	1.3.1 Epidemiological studies for Burden estimation (regional/states) 1.3.2 Socio-behavioral, lifestyle and other risk factors 1.3.3 Profile of CVS diseases 1.3.4 Development and evaluation of algorithms for diagnosis and management 1.3.5 Other areas relevant to programmes.
1.4	Environmental Health/ occupational health	1.4.1 Burden estimation 1.4.2 Impact of legislation 1.4.3 Air and water pollution 1.4.4 Health problems related to pesticides etc 1.4.5 Profile of occupational health problems of national importance 1.4.6 Other areas relevant to programmes.
1.5	Stroke and neurological disorders	1.5.1 State and regional data 1.5.2 Type of strokes 1.5.3 Risk factors estimations 1.5.4 Development and evaluation of algorithms for diagnosis and management 1.5.5 Other areas relevant to programmes.
1.6	Diabetes	1.6.1 State and regional data 1.6.2 Risk factors estimations 1.6.3 Strategies for management at various levels 1.6.4 Other areas relevant to programmes.
1.7	Metabolic disorders	1.7.1 State and regional data along with risk factors 1.7.2 Development and evaluation of algorithms for diagnosis

		and management 1.7.3 Other areas relevant to programmes.
1.8	Congenital Malformations and Genetics	1.8.1 State and regional data including classification 1.8.2 Risk factors estimations 1.8.3 Development and evaluation of algorithms for diagnosis and management 1.8.4 Other areas relevant to programmes
1.9	Kidney and liver disorders	1.9.1 State and regional data and types 1.9.2 Risk factors estimations 1.9.3 Development and evaluation of algorithms for diagnosis and management 1.9.4 Other areas relevant to programmes.
1.10	Physical Health problems specifically related to women regarding top 5 problems: ▪ Heart diseases, ▪ Breast cancer/cervix ▪ Osteoporosis ▪ Depression ▪ Autoimmune diseases	1.10.1 Studies on various aspects such as: 1.10.2 Vulnerability to diseases 1.10.3 Socio-cultural factors 1.10.4 Education and access to information 1.10.5 Gender specific public health interventions
1.11	Maternal health	1.11.1 Estimating morbidity and mortality patterns 1.11.2 Nutritional disorders 1.11.3 Tools for reducing MMR 1.11.4 Reproductive health 1.11.5 Health care seeking behavior 1.11.6 Other areas relevant to programmes.
1.12	Child health	1.12.1 Estimating morbidity and mortality patterns 1.12.2 Nutritional disorders (malnutrition and obesity) 1.12.3 Diarrhoeal and respiratory disorders 1.12.4 Factors affecting pre-term, LBW 1.12.5 Immunization 1.12.6 Other areas relevant to programmes.
1.13	Low child sex ratio and other Gender and Health	1.13.1 Factors influencing female feticide 1.13.2 Social beliefs 1.13.3 Qualitative research studies 1.13.4 Domestic violence 1.13.5 Other areas relevant to programmes.

2. Programme for Translational Research

Item	Topic of the Study
2.1 Leads identified by ICMR Institutes and partly developed	The technologies targeted for 2013-14 include : **(i)** **diagnostic assays/ reagents/ devices** for diabetes mellitus; cervical cancer; thallesemia ; infectious diseases such as tuberculosis, leptospirosis, hepatitis E, rotavirus diarrhoea, food borne pathogens, Chlamydia infections, kala- azar, malaria, filarial and lung fluke; **(ii)** vaccines for Japanese encephalitis, hepatitis E, ; **(iii)** **nutrition:** assays for bioavailability of iron , vitamin A estimation; **(iv)** **Others:** cooling garment to prevent and manage heat effects; ergonomically designed rickshaw; test for determination of viability of sperms; molecules, metabolites / organisms for biological control of mosquitoes. **31-75 : Leads identified as second priority likely to take 3-4 years to develop prototype/ technologies**
2.2 Leads identified from extramural projects **2.3 Leads identified by other agencies/ requiring inter-departmental collaboration with like DST, DBT, DSIR, DRDO etc.**	

. Programme for Inter-sectoral Co-ordination including funding of joint projects

S.NO.	Purpose of study
Joint projects with DBT /DST/DRDO on diagnostics & vaccine	
3.1	3.1.1 Diagnostics in area of Cancer, Stroke, Diabetes, Vector borne diseases, Tuberculosis, Leishmaniasis etc. 3.1.2 Vaccines for Vector borne diseases, Leishmaniasis etc. 3.1.3 Basic biology, polymers, devices, bio-instrumentation and other life science related areas like nanotechnology etc.
Joint projects with DBT /DST/CSIR/ on New drug discovery	
3.2	3.2.1 Drug discovery in the areas of Cancer, Stroke, Diabetes, Vector borne diseases, Tuberculosis, Leishmaniasis etc. 3.2.2 Diagnostics, devices and therapeutics with DST, DBT, CSIR, DRDO, Information Technology
Joint projects with AYUSH New drug discovery / Treatment	
3.3	3.3.1 Drug discovery / new treatment in the areas of Cancer, Stroke, Diabetes, Vector borne diseases, Tuberculosis, Leishmaniasis, cardiovascular diseases, Mental disorders, arthritis, skin disorders etc. 3.3.2 Role of Yoga in cardio-vascular diseases, diabetes, stroke and neurological disorders etc.Other alternate therapies
Joint projects with Department of Environment	
3.4	3.4.1 Effect of climate change on vector borne diseases, and other communicable diseases and impact of transgenic/ recombinant technology on health 3.4.2 Indoor and outdoor air pollution 3.4.3 Noise heat, radiation pollution etc 3.4.4 Pollution due to chemicals, pesticides, other toxic waste etc. 3.4.5 Development of disaster management tools
Joint projects with DARE/ ICAR	
3.5	3.5.1 Diagnostics, treatment and control of diseases on Zoonosis 3.5.2 Improvement of nutritional status Nutritional safety –use of pesticides; other toxic contaminants etc
Joint projects with Department of Space	
3.6	3.6.1 GIS mapping of Vector borne diseases with geo-climatic factors 3.6.2 GIS mapping of cardio-vascular, cancer, diabetes diseases with population density, industry, agricultural produce etc.
Joint projects with M/o of Women & Child Development, Department of Health & FW and ICSSR/ Department of information technology/ labour etc.	

3.7	3.7.1	Nutritional patterns and developing interventions with WCD, Nutritional institutes
	3.7.2	Socio-behavioural factors related with maternal health with ICSSR
	3.7.3	Health education with WCD
	3.7.4	Public health interventions with Department of Health and women and child development, social justice
	3.7.5	Under-five morbidity pattern with ICDS
	3.7.6	Nutritional interventions with schools, WCD
	3.7.7	Studies with ICSSR on Low Child sex ratio, female feticide, domestic violence and sexual violence at work place
	3.7.8	**Model projects on implementation of Knowledge management policy;**
	3.7.9	**Other model projects related to national programmes including health systems research and socio-behavioural interventions**

4. Programme for Comparative /cost effectiveness analysis for public health choice.

10.	Area of Research	Sub-areas	Topics of the study
A.	Non-communicable diseases		
	Cancer		4.1.1 Methods for effective and early diagnosis 4.1.2 Impact of health services for cancer management 4.1.3 Efficacy of different regimens 4.1.4 Development of guidelines for diagnosis and management
	Mental Health		4.2.1 Scales and tools for assessment of Mental Health 4.2.2 Evaluation of newer modalities of treatment like ECT etc 4.2.3 Development of guidelines for diagnosis and management
	Cardiovascular Diseases		4.3.1 Assessment of promotive models for prevention of risk factors 4.3.2 Efficacy of newer diagnostic tests 4.3.3 Models of early treatment to reduce mortalities 4.3.4 Health informatics and health technology assessments 4.3.5 Development of guidelines for diagnosis and management
	Stroke and neurological disorders		4.4.1 Newer diagnostics 4.4.2 Newer treatment modalities 4.4.3 Preventive models 4.4.4 Development of guidelines for diagnosis and management
	Diabetes		4.5.1 Newer diagnostics 4.5.2 Newer management strategies 4.5.3 Health promotive and preventive models 4.5.4 Development of guidelines for diagnosis and management
	Malaria Dengue Chikungunya Japanese Encephalitis (Vector Borne Diseases)		4.6.1 Efficacy of alternate drugs 4.6.2 Newer vaccines 4.6.3 Newer drugs including larvicidals 4.6.4Preventive technologies 4.6.5 Use of technologies for prevention and cure 4.6.6 Development of guidelines for diagnosis and management
	Tuberculosis / Leprosy Other Mycobacterial diseases		4.7.1 Multidrug resistance 4.7.2 Newer diagnostics 4.7.3 Newer drugs and combinations 4.7.4 Development of guidelines for diagnosis and management
	Leishmaniasis / Kalazar		4.8.1 Newer diagnostics 4.8.2 Newer drugs
	Zoonoses		4.9.1 Newer diagnostics 4.9.2 Newer drugs
0	Guidelines for management of important maternal and child health problems; region specific guidelines for nutrition; enteric infections, acute fevers; PUO; genetic disorders, blood disorders etc;		