



**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 RESEARCH PROPOSAL UNDER “GRANT-IN-AID SCHEME FOR INTER-SECTORAL CONVERGENCE AND COORDINATION FOR PROMOTION AND GUIDANCE ON HEALTH RESEARCH”

Department of Health Research, Ministry of Health and Family Welfare invites “Full Length Research Proposals” of immediate public health importance having orientation towards delivery of outcome, addressing major and relevant research gaps in existing areas, improving healthcare in country using new and innovative approaches of prognosis, diagnosis and prevention” in identified research areas (Annexure) under the scheme “**Grant-in-Aid for Inter-Sectoral Convergence & Coordination for Promotion and Guidance on Health Research**” with an aim to encourage new innovation, translation of existing leads into deliverable products and developments of new technologies/process, diagnostics and co-ordinate health research in the country. The full length research proposals may be submitted on the prescribed format through online mode 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**

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 'full length research proposal' advertised in leading newspapers and on the web sites of DHR. **The full length research proposals may be submitted online on www.dhrschemes.in.**

The Principal Investigator(s) will also be required to mandatorily submit 10 copies (of PDF version) of online submitted proposal addressed to: Dr. Babban Jee, Scientist-C, Department of Health Research, Room No. 217, 2nd Floor, IRCS Building, Red Cross Road, New Delhi-110001.

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 www.dhr.gov.in and www.dhrschemes.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

Deadline for submission of full length research proposal: 31st August, 2017

For any clarification, please contact:

(Working days-Monday to Friday, 9.00 am to 5.30 pm):

Dr. Babban Jee

Scientist-C,

Department of Health Research,

Room No. 217, 2nd Floor, IRCS Building,

New Delhi-110001

Tel: 011-23736216

Email: babbanjee_jalma@yahoo.com

Research studies area to be taken up of Grant-in-Aid (GIA) scheme of DHR**1. Research studies with emphasis on public health:**

S. No.	Priority area of research
1.1	Cancer
1.2	Mental Health
1.3	Cardiovascular Diseases
1.4	Environmental Health/Occupational health
1.5	Stroke and Neurological Disorders
1.6	Diabetes
1.7	Metabolic Disorders
1.8	Congenital Malformations and Genetics
1.9	Kidney and Liver Disorders
1.10	Physical health problems specifically related to women regarding top 5 problems: <ul style="list-style-type: none"> • Heart Diseases • Breast Cancer/Cervix Cancer • Osteoporosis • Depression • Autoimmune Diseases
1.11	Maternal Health
1.12	Child Health
1.13	Low Child Sex Ratio and other Gender Health
1.14	Disease causing blindness and its control
1.15	Nutritional Disorders

2. Translational research projects:

Item	Topic of the Study
2.1 Leads identified by ICMR Institutes and partly developed	<p>(i) Diagnostic assays/reagents/devices for diabetes mellitus; cervical cancer; thalassaemia; infectious disease such as tuberculosis, leptospirosis, hepatitis E, rotavirus diarrhoea, food borne pathogens, Chlamydia infections, kala-azar, malaria, filarial and lung fluke;</p> <p>(ii) Vaccines for Japanese encephalitis, hepatitis E,</p> <p>(iii) Nutrition: assays for bioavailability of iron, vitamin A estimation;</p> <p>(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.</p> <p>Leads identified as second priority likely to take 3-4 years to develop prototype/technologies</p>
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.	

3. 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	<p>3.1.1 Diagnostics in area of cancer, stroke, diabetes, vector borne disease, tuberculosis, leishmaniasis etc.</p> <p>3.1.2 Vaccines for vector borne diseases, leishmaniasis etc.</p> <p>3.1.3 Basic biology, polymers, devices, bio-instrumentation and other life science related areas like nanotechnology etc.</p>
Joint projects with DBT/DST/CSIR/on New drug discovery	
3.2	<p>3.2.1 Drug discovery in the areas of cancer, stroke, diabetes, vector borne diseases, tuberculosis, leishmaniasis etc.</p> <p>3.2.2 Diagnostics, devices and therapeutics with DST, DBT, CSIR, DRDO, Information Technology</p>

Joint projects with AYUSH New drug discovery/Treatment	
3.3	<p>3.3.1 Drug discovery/new treatment in the areas of cancer, stroke, diabetes, vector borne disease, tuberculosis, leishmaniasis, cardiovascular diseases, mental disorders, arthritis, skin disorders etc.</p> <p>3.3.2 Role of Yoga in cardio-vascular diseases, diabetes, stroke and neurological disorders etc. Other alternate therapies</p>
Joint projects with Department of Environment	
3.4	<p>3.4.1 Effect of climate change on vector borne disease, and other communicable disease and impact of transgenic/recombinant technology on health</p> <p>3.4.2 Indoor and outdoor air pollution</p> <p>3.4.3 Noise heat, radiation pollution etc</p> <p>3.4.4 Pollution due to chemicals, pesticides, other toxic waste etc.</p> <p>3.4.5 Development of disaster management tools</p>
Joint projects with DARE/ICAR	
3.5	<p>3.5.1 Diagnostics, treatment and control of diseases on Zoonosis</p> <p>3.5.2 Improvement of nutritional status nutritional safety – use of pesticides; other toxic contaminants etc</p>
Joint projects with Department of Space	
3.6	<p>3.6.1 GIS mapping of vector borne disease with geo-climate factors</p> <p>3.6.2 GIS mapping of cardio-vascular, cancer, diabetes diseases with population density, industry, agriculture produce etc.</p>
Joint projects with Ministry of Women & Child Development, Department of Health & Family Welfare and ICSSR/Department of Information Technology/Labour etc.	
3.7	<p>3.7.1 Nutrition patterns and developing Interventions with WCD, Nutritional Institutes</p> <p>3.7.2 Socio-behavioural factors related with maternal health with ICSSR</p> <p>3.7.3 Health education with WCD</p> <p>3.7.4 Public health interventions with Department of Health and Women and Child development, social justice</p> <p>3.7.5 Under-five morbidity pattern with ICDS</p> <p>3.7.6 Nutritional interventions with Schools, WCD</p> <p>3.7.7 Studies with ICSSR on Low Child Sex ration, female feticide, domestic violence and sexual violence at work place</p> <p>3.7.8 Model projects on implementation of Knowledge management policy;</p> <p>3.7.9 Other model projects related to national programmes including health systems research and socio-behavioural interventions</p>