

**An Overview of International Collaborative
Health Research Projects
approved by
Health Ministry's Screening Committee
during January, 2013 to June, 2015**

(Volume III)



International Health Division (IHD)

Indian Council of Medical Research, New Delhi

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Message

I am glad to know that the International Health Division (IHD) of ICMR is bringing out the third volume of document entitled “An Overview of International Collaborative Health Research Projects” approved by Health Ministry’s Screening Committee (HMSC) during the period with effect from January, 2013 to June, 2015.

This is in continuation of IHD’s two previous publications volume I & volume II for the overview on the international collaborative research projects approved by HMSC during the period 2000 to 2007 and 2008 to 2012 respectively. These volumes enlist the collaborative projects undertaken by the researchers in India in prioritized key areas of health research involving foreign assistance/collaboration.

The collaborative health research projects described in this document have importance in the area of public health in India and other countries. These projects address a wide range of research areas, including disease prevention, maternal and child health, environmental and occupational health, vaccine development as well as emerging and re-emerging infectious diseases.

The international cooperation in medical and health research works as ‘science diplomacy’, which helps in bringing nations together, whatever their differences in culture, politics or wealth may be. The MoUs and Joint Statements covering various areas support joint research between nations to share the benefits with the communities through joint efforts.

I congratulate the International Health Division of ICMR for bringing out volume III, which reaffirms it’s efforts towards strengthening scientific collaboration and internationalization of collaborative research.

(Soumya Swaminathan)

Acknowledgment



This document (volume III) provides details of the international collaborative health research projects approved by HMSC during the period between January, 2013 and June, 2015 as well as activities of International Health Division (IHD) undertaken during this period. The growing number of MoUs for co-operation is a reflection of our endeavour to strengthen and promote bilateral partnerships. The various programmes/activities undertaken under the aegis of MoUs including workshops, Joint Working Groups (JWGs)/Joint Steering Committees (JSCs) and collaborative joint research projects underline shared commitment for improving the health and wellbeing of the people. The collaborative projects develop knowledge and skills through project formulation, data collection and facilitate technology transfer and learning through Indian and foreign researchers' experience.

I place on record my sincere thanks to Dr. V. M. Katoch, our former Secretary, Department of Health Research (DHR) & Director General, Indian Council of Medical Research (ICMR) for his constant guidance and inspiration during the eight HMSC meetings he chaired which are reported in this document. I also gratefully acknowledge the valuable contribution and support extended to our various international activities by the Heads of Technical Divisions, Administration and Finance. Since March, 2015 to mid August, 2015, we received valuable guidance from Mr. B. P. Sharma, the then Secretary, DHR, Min. of Health & F. W., GoI and in his capacity as the Chairman, HMSC during this period. Currently, the HMSC is Chaired under the able guidance of Dr. Soumya Swaminathan, Secretary, DHR & DG ICMR, who has expressed her firm commitment towards periodic organization of meetings for the growth of Health Research through international cooperation.

I would like to thank the members of HMSC, Project Review Committees (PRCs) and other regulatory Committees for their support in evaluating & critically examining the research proposals. I would like to thank the Investigators and Co-investigators, the key drivers of the joint research projects.

I would also like to place on record my deep appreciation to the Nodal Officers of our Partner Countries/Agencies, Programme Officers, Coordinators of various Technical Divisions at ICMR Hqrs., for their support in implementing various bilateral and multilateral collaborative programmes. Last, but definitely not the least, I thank scientists and staff members of IHD for their role in undertaking various activities assigned to them for the implementation of various programmes.

Dr. Mukesh Kumar
Head, IHD and
Member Secretary (HMSC)

Contents		
Chapter		Page No.
1	Overview	1-2
2	The Health Ministry's Screening Committee	3-6
3	Activities of International Health Division during January 2013 to June 2015	7-11
4	Transfer of Human Biological Material for Commercial Purposes during January 2013 to June 2015	12-14
5	ICMR International Fellowship Programme for Indian Biomedical Scientists during January 2013 to June 2015	15-16
6	South Asian Forum for Health Research (SAFHeR)	17-18
7	Glimpses of International Health Division Activities during January 2013 to June 2015	19-32
8	List of International Collaborative Research Projects approved by HMSC during January 2013 to June 2015	33-92
9	Facts & Figures	93-106

OVERVIEW

Research collaboration is the way forward in order to improve quality and impact of the research findings and therefore, Indian researchers actively collaborate with scientists from US, UK, France, Canada, Germany and many more countries. There is also a growing interest among various international organizations and agencies/ research institutes to collaborate with India for excellence in health research.

To enhance the collaborative activities related to the bilateral, multilateral and regional co-operation in areas of health research, the partnerships have been established through existing Memoranda of Understanding/ Forum. In 2014, the International Health Division (IHD) formulated an ad-hoc project entitled “Implementation and managing the activities under Indo-German (BMBF/HGF), Indo-France (INSERM), Indo-Canada (CIHR) and Indo-UK (MRC, LHSTM) MoUs & SAFHeR” under the Principal Investigatorship of Dr. Mukesh Kumar, Head, IHD. The aim of this project is to coordinate and manage the various joint activities related to the international collaborative projects in health research. The Division is involved to facilitate (i) coordination of scientific collaborative activities (ii) exchange of scientific information (iii) exchange of scientists/technicians for training under the projects and (iv) organization of joint scientific meetings, seminars, workshops and symposia in identified topics of cooperation.

The objective of the project is to support the Divisional activities and to develop a document compiling the information on the international collaborative research projects submitted to Health Ministry’s Screening Committee (HMSC).

Accordingly, this document (volume III) has been prepared which is a sequel (third in a series) to our previous two documents entitled “An Overview of International Collaborative Health Research Projects” approved by HMSC during the period 2000 to 2007 and 2008 to 2012 (volume I and volume II). The volume I was released on June 24, 2008 in the Ministry of Health & F W and the volume II was tabled during the HMSC meeting held on June 6, 2013 at ICMR Hqrs, New Delhi. The overview documents provide a digest on the international collaborative health research projects approved by HMSC during the said period with a brief account on Indian PIs, Indian intuitions, funding agencies etc. These documents also serve as useful reference for research scientists/institutions and for formulation of policies in health research.

The ICMR currently has twenty four MoUs/LOI with several countries/agencies in the world for collaboration and cooperation in the areas like communicable diseases, antimicrobial resistance, chronic diseases, diabetes, neurosciences, maternal and child health, environmental and occupational health, vaccine development, health care as well as emerging and re-emerging infectious diseases etc.

The ICMR also hosted the secretariat of South Asian Forum for Health Research (SAFHeR) during the period July 2011 to June 2015. The aim of SAFHeR is to promote regional collaboration among the South Asian countries. The ICMR has undertaken various activities to promote regional collaboration by organizing workshops/ training for researchers and students from neighboring countries.

The HMSC granted approval to 180 proposals out of 285 proposals considered during Jan. 2013 to June, 2015 in its twelve meetings. Out of 180 approved projects, 13 projects were co-funded by ICMR under various bilateral programmes. All India Institute of Medical Sciences (AIIMS) undertook the maximum number of collaborative projects (33 out of 180-i.e.19 percent), whereas among ICMR institutes the National Institute of Malaria Research(NIMR) and its field stations have undertaken 11 projects, out of total 26 approved projects for ICMR institutes during the period. The maximum number of proposals approved by HMSC were in Non-Communicable Diseases (57), Communicable Diseases (56) followed by Reproductive and Child Health (35) and others contributing to 32 projects which include Diabetes, Nutrition, Stem Cell Research and M-Health etc

During the above mentioned period, out of 180 approved projects, 95 were for collaboration with US agencies including 33 NIH supported projects and 4 with joint funding under the Indo-US Joint Statements on HIV/AIDS/STD(3) and Diabetes (1). 19 projects were supported by Bill & Melinda Gates Foundation, USA.

The efforts have been initiated to up-date the progress made and outcome of collaborative health research projects during the above period for policy makers/ stakeholders for development of policies related to health research and for prioritization of key areas of scientific enquiry and research. The IHD also prepared and submitted the "Report on Outcome of International Collaborative Research Projects approved by HMSC and funded by ICMR during January, 2008 to December, 2012". This report was presented to the HMSC committee members during the HMSC meeting held on 16th September 2013 at ICMR Hqrs, New Delhi.

The Health Ministry's Screening Committee

The Health Ministry's Screening Committee (HMSC) is an inter-ministerial, high-level committee, which was constituted by the Ministry of Health and Family Welfare (MOHFW), Government of India in the early 1980s. The purpose of the Committee is to carry out screening of all proposals in the field of health research requiring foreign collaboration and/or assistance as well as periodically monitor the progress, implementation, extension of ongoing research projects.

In October, 2013, the then Hon'ble Minister of Health & Family Welfare, Govt. of India, approved the following composition of the HMSC.

Sl. No.	Composition of HMSC	
1.	Secretary, Department of Health Research (DHR) and Director-General, ICMR, MOH&FW, GoI	Chairman
2.	Secretary, Health & F.W. or nominee	Member
3.	Secretary & Director General, NACO or nominee	Member
4.	Secretary, AYUSH or nominee, Ministry of AYUSH	Member
5.	Director General of Health Services or nominee	Member
6.	Joint Secretary, Department of Health Research	Member
7.	Director General of Armed Forces and Medical Services (DGAFMS) or nominee	Member
8.	Joint Secretary – Family Planning or Deputy Commissioner – Family Planning	Member
9.	Representative- Ministry of External Affairs (MEA) Coordination Division	Member
10.	Representative -Department of Economic Affairs (DEA), Ministry of Finance	Member
11.	Representative-Department of Biotechnology (DBT), Ministry of Science and Technology	Member
12.	Representative – Department of Science and Technology (DST), Ministry of Science and Technology	Member
13.	Head, International Health Division (IHD), ICMR	Member Secretary

The Indian Council of Medical Research (ICMR) acts as the technical arm for this Committee and is responsible for the technical review of the collaborative research proposals. The International Health Division (IHD) in ICMR Hqrs., is the Secretariat for HMSC and facilitates placement of collaborative research projects before this Committee as a mandatory requirement. By and large, the HMSC

meetings are held at a regular interval of three months during the months of March, June, September and December in a calendar year.

The Indian researchers desirous for having foreign assistance and/or collaboration in the health research proposals can submit their proposals to ICMR at IHD for approval of Government of India through HMSC. The proposals can be submitted at IHD throughout the year, but for a specific Call for Proposals (CFP) under an ICMR bilateral /multilateral programme, there is a specified and written deadline. The Indian researchers can also view the status of their proposals at the link http://icmr.nic.in/Extramural/Extramural_Research_Projects.html at ICMR website. Further, for more guidance /information for Indian researchers/ investigators, the guidelines have been placed at ICMR website at the link http://www.icmr.nic.in/About_Us/Guidelines.html. These guidelines provide a brief account on ICMR's existing partnerships with various countries/agencies around the globe as well as the thrust areas of collaborative research under these programmes. These guidelines also give information related to the requisite number of documents to be submitted and the necessary downloadable forms etc. The IHD periodically updates these guidelines for Indian investigators.

The international collaborative health research proposals are scientifically evaluated, scrutinized and managed by the Technical Divisions at ICMR Hqrs. in their respective subject areas. The peer reviewed proposals are placed before the HMSC for a decision.

During the HMSC meeting held on 8th March 2013, the Committee recommended to the Secretariat to have a detailed document on the projects approved by HMSC in the last 5 years (2008 to 2012) and also prepare a report on outcome of international projects funded by ICMR during this period. Accordingly, the IHD prepared the document entitled "*An overview of International Collaborative Research Projects in Health Research approved by HMSC Volume II January, 2008 to December, 2012*" which was released during the HMSC meeting held on 6th June, 2013, by the Secretary, DHR & DG, ICMR. Also the "*Report on Outcome of International Collaborative Research Projects approved by HMSC and funded by ICMR during January,, 2008 to December, 2012*" was prepared and presented to the Committee members during the HMSC meeting held on 16th September, 2013 at ICMR Hqrs, New Delhi. The report has information related to the outcome & future leads that have emerged or are likely to emerge under these collaborative research projects.

There were a few recommendations laid down by HMSC during it's various meetings held in 2013, 2014 and early 2015 related to regulatory and other issues which are as follows:

a) Clinical trials

1. The Committee suggested that the DCGI may inform the applicants that HMSC approval is mandatory for conduct of international collaborative clinical trials / studies which may be mentioned in their approval letter.
2. It was indicated by the Committee that in case of international clinical trials the regulatory requirements of DCGI should be fulfilled and necessary approvals must be submitted by the Indian PIs as per the latest amendments in the Drugs and Cosmetics Act, Govt. of India, January / February, 2013. The HMSC recommended that the recent amendments for conduct of clinical trials as per the Gazette Notification of the GoI related to compensation in case of injury or death during clinical trials; registration of Ethics Committees; responsibility of sponsors; reporting of serious adverse events in clinical trials etc. should be strictly followed.

3. The decision of Drug Controller General of India (DCGI), Ministry of Health and Family Welfare (MOHFW), and the Hon'ble Supreme Court of India on the clinical trials of new drug entities would be applicable on all such studies.

b) NACO's suggestions

The review criteria of international collaborative proposals by Technical Research Group of R&D of DAC is primarily based on the following :

- I. Proposals should have scientific merit and value added.
- II. Research should make significant contribution to the advancement of the knowledge in the field of HIV / AIDS.
- III. Significant inputs should be provided by foreign collaborators.

It was suggested that Technical Divisions at ICMR may also follow the above criteria during technical review of international proposals.

1. The concerned Technical Divisions at ICMR may ensure that international proposals requiring further review by NACO are sent well in advance to NACO and ensure that duplicate technical review of the same proposals is not got done by ICMR, e.g. Indo-US projects in HIV / AIDS are reviewed by ICMR & NACO separately which adds to the duplication of efforts.
2. In case of resubmission of collaborative projects by a PI for consideration of HMSC as a fresh proposal (for proposals not approved by HMSC), the Technical Divisions may ensure that necessary modifications as suggested by Experts / concerned Agency have been incorporated by PIs in the fresh proposals being submitted and proposal be submitted to HMSC along with point-wise clarifications and answers vis-a-vis comments of Technical Division.
3. As the deadlines are well known to PI and concerned Technical Divisions, hence, the proposals should not be submitted at a short notice.

c) FCRA clearances

The Technical Divisions of ICMR should mention in the letters while conveying project approval of HMSC to PIs that institutions receiving foreign assistance should have and ensure the requisite FCRA clearance as directed by DEA, Ministry of Finance, Govt. of India.

d) Review of proposals

1. The role of Ministry of External Affairs (ITP and Coordination Section) in Health Ministry's Screening Committee was discussed in detail during the HMSC meeting. It was conveyed that MEA has been participating in HMSC since December, 1988 for ascertaining the clearance of study / research schemes involving foreigners / foreign collaboration from security / sensitivity angle on individual agenda items.

As desired by Ministry of External Affairs officials, it was directed by the Chairman, HMSC that a copy of collaborative research proposal as and when received at ICMR (after due registration at IHD) may be forwarded to the ITP and Coordination Sections of MEA for review at their end. The MEA representative would present their observations / comments on international funding agencies / foreign investigators, if any, during the respective HMSC meetings.

2. In case of international clinical trials (involving use of any new investigational / experimental drug, new applications of drug medical procedure / device) the regulatory requirements of DCGI should be fulfilled and necessary approvals must be submitted by the Indian PIs as per the latest amendments in the Drugs and Cosmetics Act, Govt. of India of January / February 2013. The Technical Divisions of ICMR are requested to ascertain that the necessary requirements (as per the amended DCGI Act) are fulfilled by the PIs. It may be clearly indicated by the Programme Officers in overall comments and final recommendations of the Technical Division in item no.45 (f) of ICMR summary sheet whether the research study under consideration is a clinical trial or not as per the provision of Drugs & Cosmetics Act. If yes, whether all the statutory clearances as per Govt. of India norms have been obtained.

e) Review of progress report

1. The Technical Divisions of ICMR should request the PIs to submit the progress reports to ICMR which should be indicated in the approval letter issued for a specific project by the Technical Divisions.
2. The Technical Divisions may kindly review the progress reports of projects approved by the HMSC and may bring it to the notice of HMSC from time to time along with the specific outcome of the projects (irrespective of funding agency)

f) General suggestions

Note sheet portion of internal files should not be enclosed by the Technical Divisions along-with the projects to be sent to the members in the agenda papers. Only three separate sets of DG's approval taken on file by these Divisions and experts' comments should be submitted to the Secretariat of HMSC.

Activities of International Health Division during January, 2013 to June, 2015

The International Health Division (IHD) in ICMR co-ordinates international collaboration in biomedical research between India and other countries as well as with national & international agencies such as the Ministry of Science & Technology, Indian and foreign missions and WHO etc. There are few specific bilateral Joint Statements, / MoUs,/LOI signed by the Ministry of Health and Family Welfare with other countries and rest are those signed directly by ICMR/DHR with international organizations / institutions such as INSERM in France; German Federal Ministry of Education and Research (BMBF) and Helmholtz Association (HGF) in Germany ; DHHS, National Institutes of Health (NIH) , International AIDS Vaccine Initiative (IAVI) and University of Minnesota(UoM) in USA ; Canadian Institutes of Health Research (CIHR) in Canada ; University of Sydney, Australia (UoS); London School of Hygiene and Tropical Medicine (LSHTM) & Medical Research Council (MRC) in UK; European Union (EU); Academy of Finland (AF) in Finland; Research Council of Norway (RCN) in Norway; Russian Foundation for Basic Research (RFBR) in Russia and Swedish Research Council for Health Working Life and Welfare (FORTE), Sweden.

ICMR also signed the multilateral agreement with Global Alliance for Chronic Diseases (GACD). The GACD is the Multi-Country Alliance with partner countries -Australia, Canada, China, UK, USA, India, South Africa, European Union, Mexico, Thailand and Argentina.

The Department of Health Research (DHR) has signed a Memorandum of Understanding with National Institute of Health & Care Excellence (NICE), UK.

The purpose of these Memoranda of Understanding (MoU) and Joint Statements has been for exchange of scientific information; exchange of scientists/technicians; joint execution of scientific projects and organization of joint scientific meetings, seminars, workshops and symposia in identified areas of cooperation.

Joint Working Group (JWG) and Joint Steering Committee (JSC) meetings

The regular meetings of Joint Working Group (JWG) or Joint Steering Committee (JSC) with various countries/international institutes/organizations are organized to review, develop and finalize joint collaborative programmes, decide future plans of action and identify priorities for bilateral cooperation.

In addition, the International Health Division has also represented ICMR in various bilateral/multilateral Joint Committee Meetings coordinated by MEA, DST and MOH & FW, GoI for cooperation with various countries.

Following JWG/JSC meetings under various MoUs and Joint Statements were attended:

1. 2nd Indo-US Joint Steering Committee meeting on Diabetes Research held on 6th February, 2013 at New Delhi.
2. Indo-US Joint Working Group meeting on HIV/AIDS held on 8-9th February, 2013 at New Delhi.

3. ICMR – MRC JSC meeting held in London during 13-14th June 2013.
4. Indo-EU Group of Senior Officials (GSO) meeting held through Video Conference on 8th October, 2013.
5. ICMR-INSERM JWG meeting held in New Delhi on 22nd October, 2013.
6. Working level meeting between officials of ICMR & MRC, UK held in New Delhi on 11th November, 2013.
7. 3rd Indo-US JSC meeting on Diabetes Research held through video-conference on 26th November, 2013.
8. Global Alliance for Chronic Diseases (GACD) Board meeting held through teleconference on 10th December, 2013.
9. 1st Joint Working Group meeting held during 29-30th April, 2014 between India and Saudi Arabia at MOHFW, New Delhi.
10. 1st Joint Working Group (JWG) meeting between India and United Kingdom on Health held on 3rd September, 2014 at MOHFW, New Delhi.
11. 7th meeting of Joint Working Group (JWG) under the Indo-Swedish MoU on cooperation in the field of Healthcare and Public Health held at Stockholm, Sweden on 18-19th September, 2014.
12. 7th meeting of Indo-Russian JWG on Science & Technology at New Delhi on 23rd September, 2014.
13. 3rd Indo-US Joint Committee Meeting (JCM) on Health held at New Delhi on 14th November, 2014.
14. Indo-US Joint Committee Meeting (JCM) held at New Delhi on 17th November, 2014.
15. 10th meeting of Indo-German Committee (IGC) on Science & Technology held on 20th November, 2014 at New Delhi.
16. Indo-Sweden Bilateral Meeting between Hon'ble Ministers of India and Sweden held at New Delhi on 24th November, 2014.
17. ICMR-MRC, UK working level meeting at New Delhi on 23rd April, 2015 (through videoconference).
18. 4th Indo-US Joint Steering Committee on Diabetes at New Delhi on 29th April, 2015 (through videoconference).
19. 1st India-Japan Joint Working Group meeting held at MoH&FW, New Delhi on 12th June, 2015.

The International workshops/ meetings held under bilateral/ multilateral programmes:

1. Indo-US workshop on “Innovative and Affordable Technologies for Prevention and Management of Diabetes” held during 4-6th February, 2013 at New Delhi.
2. Indo-US Grantsmanship workshop on HIV/AIDS held during 6-7th February, 2013 at New Delhi.
3. Indo-US workshop on “Cancer Match” held during 12-13th February, 2013 at Pune.
4. Indo-German workshop on “Regenerative Medicine” held during 14-16th February, 2013 at ILBS, New Delhi.
5. Indo-UK workshop on “Health Policy Forum” organized by Ministry of Health & Family Welfare held during 21-22nd February, 2013 at AIIMS, New Delhi (for discussion on MoU between DHR and NICE).
6. ICMR-LSHTM, London workshop on Pathogen Diversity “Exploiting Pathogen Genetics for New Control Strategies” held at ICGEB, New Delhi during 6-7th March, 2013.
7. Indo-Norway workshop on “Anti Microbial Resistance (AMR)” held in Norway in September, 2013.
8. Meeting of Science Counselors of EU states organized by the office of EU Delegation in New Delhi on 17th December, 2013.
9. ICMR- MRC Workshop on “Mental Health” held at NIMHANS, Bangalore during 26-28th February, 2014.
10. ICMR- Academy of Finland workshop on Chronic NCDs held at ICMR Hqrs, New Delhi during 11-12th March, 2014.
11. Indo-Canada Mental Health Experts’ Group meeting held on 29th September, 2014 at ICMR Hqrs, New Delhi.
12. ICMR-FORTE joint workshop on Ageing and Health held during 24-25th November, 2014 at ICMR, New Delhi.
13. SAFHeR foundation workshop in Clinical & Laboratory Medicine Research held during 9-12th Feb., 2015 at NIP, New Delhi.
14. India-ASEAN workshop on Malaria Research held during 11th – 15th May, 2015 at NIMR, New Delhi.

The following MoUs/MoI were signed during the period January, 2013 to June, 2015 :

1. DHR-National Institute for Health and Care Excellence (NICE)-MoU was signed by the then Secretary, DHR and DG, ICMR in London, UK on 14th June, 2013.
2. Addendum two-for Global Alliance for Chronic Diseases (GACD) Secretariat Funding and Collaboration Agreement as part of ICMR-GACD MoU was signed by Head (IHD) in New Delhi on 5th March, 2014.
3. Addendum- three for GACD Secretariat funding at UCL, London was signed by Head (IHD) on 17th June, 2014 under existing ICMR-GACD MoU.
4. Memorandum of Understanding between the Research Council of Norway (RCN) and Indian Council of Medical Research on Health Research was signed on 14th October, 2014 in Norway.
5. Memorandum of Understanding between Indian Council of Medical Research and International AIDS Vaccine Initiative (IAVI) on cooperation in AIDS Vaccine Development was signed in October/November, 2014 in New York and ICMR Hqrs., New Delhi respectively.
6. Memorandum of Understanding between the Indian Council for Medical Research and the Russian Foundation for Basic Research (RFBR) on Cooperation in Health Research was signed on 11th December, 2014 at Hyderabad House, New Delhi.
7. Memorandum of Understanding between ICMR and University of Sydney, Australia for collaboration in Health Research was signed in Jan./March, 2015.
8. Memorandum of Intent between ICMR & FORTE, Sweden was signed on 2nd June, 2015 in Stockholm.
9. Letter of Intent among ICMR, DBT & the National Institute of Allergy & Infectious Diseases (NIAID) National Institutes of Health, USA for collaboration on Anti-Microbial Resistance Research was signed on 25th June, 2015 in MoH&FW, New Delhi.
10. Memorandum of Understanding between ICMR and the Centers for Disease Control and Prevention, USA on collaboration in Environmental and Occupational Health & Injury Prevention and Control was signed on 25th June, 2015 at MoH&FW, New Delhi.
11. Memorandum of Understanding among National Cancer Institute (NCI) of AIIMS, MoH&FW, Govt. of Republic of India, ICMR and the Department of Biotechnology, Ministry of Science & Technology, Govt. of Republic of India and the National Cancer Institute of the National Institute of Health, Govt. of the United States of America (USA) for Cooperation on Cancer Research, Prevention, Control and Management was signed on 25th June, 2015 at MoH&FW, New Delhi.

Dialogues initiated for new MoUs and documents forwarded to Govt. of India for consideration and approval

- Indo-US MoU on International Centre for Excellence in Research (ICER at NIRT,Chennai);
- ICMR-London School of Hygiene and Tropical Medicine (LSHTM),UK ;
- ICMR -Drugs for Neglected Diseases Initiative (DNDi), Switzerland;
- ICMR- Bill & Melinda Gates Foundation (BMGF), USA;
- DHR and International Consortium on Anti Virals (ICAV), Canada;
- ICMR- Medical Research Council (MRC) UK and
- Indo-US MoU on Maternal and Child Health

The following MoUs have been approved by Gol and are ready to be signed

- ICMR- National Health and Medical Research Council (NHMRC), Australia and
- Tripartite MoU between DHR, NICE and Ministry of Public Health, Islamic Republic of Afghanistan

Steps initiated for developing MoUs with

- ICMR-Govt. of Saskatchewan, Canada and
- ICMR-German Research Foundation (DFG), Germany

Representation by IHD (ICMR) in the bilateral meetings of other agencies

The International Health Division has also represented ICMR in various bilateral/ multilateral, Joint S&T Committee meetings coordinated by Ministry of External Affairs; Department of Science & Technology and Ministry of Health & Family Welfare, Govt. of India for cooperation with various countries such as India-Brazil South-Africa (IBSA), Canada, Germany, Norway, Sweden, European Union, South Africa, South Korea, Australia, Tunisia, Mozambique, UK, Bangladesh, Botswana, Mexico, Association of South East Asian Nations (ASEAN) and Japan etc.

Exchange Visits during the period

The IHD supports and coordinates the international travel of Indian scientists engaged in approved bilateral collaborative research projects under various MoUs and joint statements with other countries. A total of **143** exchange visits of scientists / officials to and from India were arranged under various international collaborative programmes / projects.

International Visitors / Dignitaries at ICMR

The Division also organized visits by various visitors to ICMR from foreign countries / agencies such as Department of State, USA; DFG, Germany; University of Giessen, Germany; Diakin University, Australia; KI, Sweden; Toronto University, Canada; Swiss Ministry of Health Affairs, Switzerland; CDC, Atlanta; NICE, UK; BMBF, Germany; New Indigo; NEI, USA etc.

We further organized visits by various visitors to ICMR from foreign countries / agencies such as MRC, UK; BMBF, Germany; Institute of Merieux, France; ICAV, Canada; Bill & Melinda Gates Foundation (BMGF), USA; Messey University, Newzealand; Sheffield, Children's Hospital, UK; LSHTM, UK; CSIRO, Australia; University of Texas, USA; EMBL, Germany; Mozambique; RCN, Norway; Simon Fraiser University, Canada; IVI, South Korea, Academy of Finland (AF), Finland; FORTE, Sweden; NCI / NIH, USUHS, Harvard Medical School, CDC, USA; High Commissioner of Australia; European Union; INSERM, France; NICE, UK; MSF & LSHTM, UK; Deptt. of Health, UK; University of Oxford, UK; UoS, Australia; UoM, USA; IAVI, USA; RFBR, Russia; Helmholtz Association, Germany; DNDi, Geneva; CNRS, Paris etc

Joint Call for Proposals (CFP) launched through respective websites of agencies:

ICMR -INSERM (France) CFP in 2012 and 2013

ICMR-BMBF (Germany) CFP 2nd August, 2013

ICMR-MRC, (UK) CFP on Mental Health in 2014

CFP under Indo-US Joint Statement on Diabetes in 2014

Transfer of Human Biological Material for Commercial Purpose during January, 2013 to June, 2015

To regulate the transfer of human biological material for commercial purposes and/or evaluation of cases involving transfer of infectious biological material, human biological waste or other cases for commercial purposes from foreign Research & Development (R&D) centers to Indian diagnostic laboratories or R&D centers or vice versa for analysis as a commercial activity, a Committee has been constituted in 2010 by DG. ICMR as per the guidelines issued by the Ministry of Health and Family Welfare (MOHFW), Government of India in 1997. The mandate of this Committee is to evaluate the proposals for import or export of these materials for commercial purposes, List of members of the Committee includes experts as well as representatives from DCGI, DGFT and ICMR. The guidelines, regulations/measures format etc for transport of infectious substances for research/commercial purposes were drafted by the Committee. Separate application formats are in practice for import or export of samples.

The ICMR is the nodal agency for implementation of IHD coordinates this activity. For such applicants, an online guidance on transfer of human biological material for commercial purposes and /or research and development of commercial products is placed at ICMR website at link <http://icmr.nic.in/ihd/ihd.htm>.

According to the guidance placed on website, the applicants should submit their applications either for import or for export of biological samples (as per their requirement for transferring samples to or from different countries).

The following necessary documents are required to be submitted along with the application.

1. A copy of the duly signed Material Transfer Agreement (MTA);
2. Institutional or Independent Ethics Committee (IEC) clearance along with composition of Ethics Committee;
3. A copy of the patient information sheet and informed consent form (as approved by IEC) ;
4. Details on the utilization of samples of the patient for a particular research or R&D study and the kind of benefit (direct/indirect or no benefit - as applicable) for appropriate decision making by the patient (if available in a foreign language, should be translated into English version);
5. A copy of the import certificate as issued by the relevant foreign regulatory authority to the foreign laboratory receiving the Indian biological material ;
6. A copy of the Memorandum of Understanding (MoU) signed between Indian applicant and international agency defining the commercial benefits to each Party(wherein export is concerned) ;
7. The details of the Intellectual Property Rights (if any) owned in terms of patents, copyright or an MoU signed by any of the Parties on the biological or genetic material being transferred for commercial purposes;
8. A copy of safety or operations manual being followed or adopted by the laboratory for workers involved in activities involving possible exposure to pathogens through blood or other body fluids;

9. A copy of the disposal plan and necessary State Pollution Control Board clearance (for disposal of biohazardous, potentially infectious leftover samples);
10. A copy of the contract or agreement with the disposal agency that the hazardous leftover biomaterial will be collected treated and disposed off as per current national regulations.
11. A duly valid copy of DCGI approval issued to the study center for conducting Bioavailability/ Bioequivalence/ Pharmacokinetic analysis;
12. A duly valid copy of approval letter for providing services under relevant disciplines such as diagnostics/ physical - chemical studies/toxicity studies /medical / biological testing etc, as applicable, from either of the following to be enclosed : (i) National Accreditation Board for Testing and Calibration Laboratories (NABL) certificate for diagnostic/clinical trial labs or Certificate of GLP compliance /DSIR certification as issued by the Ministry of Science and Technology, GoI in the relevant discipline as applicable (ii) Equivalent approval e.g. from College of American Pathologists (CAP) or any signatory of International Laboratory Accreditation Cooperation Arrangement
13. The applicants need to submit an undertaking that the material being imported has been tested and free from HIV, Hepatitis B and C, Malaria and Syphilis.

For transfer of samples, the Indian applicants should follow WHO document 'Guidance on regulations for the transport of Infectious substances (2013-2014)'. There are specific packing instructions as per United Nations class (6.2) specifications to be followed during transport of infectious substances. Unless otherwise declared, the biological materials such as blood and/or blood components; dried blood spots and faecal occult blood; medical or clinical wastes are to be considered under the 'infectious substance category'. The applicants are required to indicate the category under which the infectious substances or organisms fall. In addition, the categories indicated as per UN class specifications in WHO guidelines (2013-14), the applicants should also refer to the relevant categories mentioned under Special Chemicals, Organisms, Materials, Equipment and Technologies (SCOMET) items in schedule of India's Foreign Trade Policy classifications as well as Animal and Human pathogens scheduled as Risk Groups in the Ministry of Environment and Forests Notification, GoI, 1989. Accordingly, the 'category' in terms of infectious nature or risk group of biological substances to be transferred is required to be assigned and indicated by the applicant.

The Indian applicants should, refer to the following manual and rules for disposal of biological material after due testing of biological samples is done

- 1) Laboratory Bio safety Manual (World Health Organization -2004) to implement basic concepts in biological safety and for the safe handling of pathogenic micro-organisms in laboratories and
- 2) The Environment (Protection) Act, 1986 and the rules framed there under.

Announcements are made for submission of applications for transfer of human biological material for commercial purposes and/or research and development of commercial products with deadlines as 31st January, 30th April and 31st July and 31st October in a given calendar year.

During the period from January, 2013 to June, 2015, a total of 571 cases were considered and 315 cases were approved by the Committee during its ten meetings held on 21st March, 11th July, 12th September, 11th December, 2013; 3rd March, 28th May, 25th August, 27th November, 2014; 25th February and 26th May, 2015.

ICMR International Fellowship Programme for Indian Biomedical Scientists during January, 2013 to June, 2015

To achieve the objective of building up skilled pool of biomedical researchers in all aspects of biomedical research including basic, applied, epidemiological and clinical sciences, ICMR embarked upon an International Fellowship Programme for capacity strengthening of scientists/ researchers of our country in 2004.

The ICMR International Fellowship Programme for Indian biomedical scientists aims to augment capacity strengthening of institutions involved in basic, applied, epidemiological and clinical sciences through exposure of Indian researchers to the latest international advancements in knowledge, to understand the disease and find strategies for their prevention and cure.

During the XIth plan period, the number of fellowships was doubled along with increase in the fellowship grant. There are twelve fellowships per year for young Indian scientists for duration of 3 to 6 months and six fellowships for senior level scientists for a period of 10-15 days to visit the foreign laboratories/institutes for scientific discussions/training. The fellowship grant was enhanced in 2012 for Indian biomedical scientists with monthly grant of US \$ 3000 (from \$ 2400), contingency grant of Rs 20,000 (from 15000/-) for young scientists and US \$ 200 per day (including US \$75 as per diem and US \$ 125 for accommodation), contingency grant of Rs 20,000/-for 15 days for senior scientists. A return economy class ticket (excursion airfare) is also provided.

During the years 2013 and 2014, two Selection Committee meetings were held on 16th July, 2013 & 2nd June, 2014 for selection of Indian biomedical scientists under the ICMR International Fellowship Programme. Eighty- nine (89) applications were received under Senior scientist category out of which twelve were selected whereas one hundred and twenty six (126) applications were received under Young scientist category and twenty-four (24) young scientists were selected.

A brief report on the training / expertise acquired, utilization / implementation of training into the on-going / future programme(s) of the respective parent Indian Institutes and achievements in the form of publications, establishment of facilities in parent Institutes and research grants after availing the ICMR International Fellowships during the years 2008-09, 2009-10 and 2010-11 was compiled and presented to members of the Selection Committee during the meeting held in July, 2013.

The reports of 12 Young and 6 Senior ICMR International Fellows, who had undertaken the Fellowship during the years 2013-14 were placed on ICMR website in 2014. Recently, the reports of 3 Senior & 5 Young ICMR International Fellows (for the year 2014-15) have also been placed on ICMR website.

The upper age limit of senior scientists to avail the ICMR international fellowship has been enhanced from 55 to 57 years with due approval of Executive Committee of ICMR in its meeting held on 28th October, 2013. However, the age limit for young scientists is below 45 years.

The ICMR international fellowships are advertised each year in leading national newspapers, ICMR website & some of the Indian scientific journals. The announcement for the submission of applications by Indian biomedical scientists under the ICMR International Fellowship Programme was advertised for the fiscal year 2014-15 on 7th January, 2014 and for the fiscal year 2015-16 on 5th February, 2015. The Selection Committee meeting of ICMR-International Fellowships for Indian Biomedical Scientists for 2015-16 was held on 30th June, 2015 wherein 12 Young Scientists & 6 Senior Scientists have been selected to undertake the visits before Feb., 2016.

ICMR International Fellowship Programme for Scientists belonging to the Developing Countries

To achieve the objective of better south-to-south co-operation and considering India's excellence and proven leadership amongst the developing countries in several areas of research, ICMR awards five fellowships every year to the scientists from other developing countries to work in Indian laboratories for a period of upto six months. The subsistence allowance for the scientists belonging to developing countries visiting India under the ICMR International fellowship programme has been enhanced from Rs. 1000/- to Rs. 2500/- by the Executive Committee of ICMR in its meeting held on 28th October, 2013. Accommodation is generally arranged in the institutional guest house on actual basis charged by the institute subject to a maximum of Rs. 4000/- per day, if the accommodation is arranged outside the Institute.

It was felt that the information pertaining to ICMR International fellowships for biomedical scientists belonging to developing countries needed to be disseminated again by IHD, hence it was circulated for wider publication through the Indian Missions/Embassies in various developing countries to encourage scientists from these countries to undertake training in various Indian Institutes/laboratories.

Four applicants were received and processed for consideration by Selection Committee meeting held on 13th April, 2015 and one fellow from Ethiopia has been selected to avail the training at NIRT, Chennai.

South Asian Forum for Health Research (SAFHeR)

Background

South Asian Forum for Health Research (SAFHeR) was created in the year 2003 as an initiative of Nepal Health Research Council (NHRC), Nepal with an aim of enhancing regional collaboration and partnership in health research among South Asian countries. The vision of South Asian Forum for Health Research is to achieve better health for the people of South Asia. The mission of SAFHeR is to facilitate regional collaboration among the South Asian countries addressing common health problems towards sustainable solutions.

SAFHeR Secretariat

In July 2011, the NHRC, Nepal, formally transferred the SAFHeR secretariat to ICMR, India for the next three to four years. Henceforth, the International Health Division of ICMR organized the fourth Regional Meeting of SAFHeR during February 5 to 7, 2012 at India International Centre, New Delhi under the overarching theme **“Empowering through sharing - working towards implementation of regional health research priorities”** with participation of eight countries namely **Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka and Thailand.**

During the fourth Regional Meeting, the Indian experts/researchers discussed with member country representatives regarding regional obstacles as faced by member countries and cross country issues; areas for collaboration / training / capacity building etc. The meeting concluded with the discussions and strategic planning for the development of common researchable issues, protocols and capacity building in identified common research areas in the region. Following were the priority areas agreed upon during fourth Regional Meeting –

1. Dengue/ Chikungunya; 2. Public Health; 3. Leprosy; 4. Arsenic ; 5. Diabetes; 6. Fluorosis; 7. Maternal & Child Health; 8. Hematology; 9. Road Traffic Injury; 10. Cholera; 11. Kala Azar; 12. Climate Change; 13. Environmental Health; 14. Cancer; 15. Other NCDs; 16. Health System Research; 17. Health Economics; 18. Malaria; 19. Tuberculosis and 20. Social & Behavioral Research.

The meeting has imparted further momentum to the SAFHeR process and few recommendations were made during the fourth Regional Meeting related to regional collaboration as per signed Delhi Declaration.

It was suggested to identify the nodal technical officer(s)/ after due approval from respective research councils of their countries to establish Points of Contact (PoC) for the implementation. Workshops for protocol development, along with regional conferences /workshops in the areas of mutual interest were recommended to proceed further. The recommendations were shared with member countries, Ministry of Health Family Welfare as well as Ministry of External Affairs in 2012. During the years 2013 and 2014, the member countries were again requested to intimate the SAFHeR Secretariat at ICMR about the progress made/ interest as per the recommendations of the last Regional Meeting and provide support regarding various activities .

Follow-Up Action Plan under SAFHeR

SAFHeR constitutes an important step towards building fruitful synergies of regional cooperation and developing the networks for better health for the people of the South Asian region.

As a follow up of above-mentioned recommendations and to accelerate the forum activities, in year 2013 and 2014, the ICMR supported the following workshop.

“Foundation Workshop for Under Graduates (UG) Medical students on Clinical and Laboratory Medicine Research” held during 9-12th February, 2015 at National Institute of Pathology (NIOP), New Delhi.

The following participants from SAFHeR countries (one teacher & two students) attended the above-mentioned Research Methodology Workshop for UG Medicos jointly organized by National Institute of Pathology (NIOP; ICMR), New Delhi & Moving Academy of Medicine and Biomedicine (MAMB), Pune at National Institute of Pathology (ICMR), New Delhi.

Bangladesh:

- 1 Dr. Mahmood-uz-jahan, Bangladesh Medical Research Council (BMRC) (Teacher)
- 2 Rakibul Islam, Shaheed Suhrawardy Medical College (Student)
- 3 Abdul Matin Rahad, Dhaka National Medical College (Student)

Bhutan:

- 1 Dr. Kuenzang Chhenzom, Dept. of Laboratory Services, Jigme Dorji Wangchuk National Referral Hospital (JEWNRH) (Teacher)
- 2 Dr. Lobzang, University of Medical Sciences of Bhutan (Student)
- 3 Dr. Lacha Wangdi, University of Medical Science of Bhutan (Student)

Maldives:

- 1 Ms. Almas Adnan Ismail (Student)
- 2 Ms. Althaf Adnan Ismail (Student)

Nepal:

- 1 Dr. Pradip Gyawali (Teacher)
- 2 Dr. Utsab Raj Panta (Student)
- 3 Mr. Anu Khanal (Student)

Sri Lanka:

- 1 Dr. Kalum Wettasinghe, Medicine of University of Colombo (Teacher)
- 2 Pramith Shashinda Ruwanpathirana (Student)
- 3 B.A.M. Nipuni Wasundara Abeysinghe (Student)

The topics covered in the workshop were study designs, biostatistics, commonly used statistical software, data management, medical ethics, GCP and GCLP, clinical protocol development, RCT, reviewing research papers, drafting and submission of research proposals to funding agencies and communication skills.

Dr. V. M. Katoch, the then Secretary DHR and DG, ICMR and the then President of SAFHeR, had a special interactive session on Medical Research with the participants.

Transfer of South Asian Forum for Health Research (SAFHeR) Secretariat to Bangladesh

On 12th April, 2015, ICMR, India received a request from Bangladesh Medical Research Council (BMRC) Bangladesh regarding transfer of SAFHeR Secretariat to Bangladesh. On 25th May, 2015 ICMR accepted the request of BMRC, Bangladesh and transferred the Secretariat alongwith the background papers related to SAFHeR as available with ICMR as well as the status report describing the work done by ICMR during its tenure as Secretariat of SAFHeR for the reference of BMRC. Bangladesh. The ICMR has also sent the appreciation letter to Bangladesh Medical Research Council (BMRC) for its interest to enhance the mission of SAFHeR under BMRC's leadership as well as for its willingness to accept the responsibility of SAFHeR Secretariat for the next term.

Glimpses of International Activities undertaken during January 2013 to June 2015



First Joint Steering Committee (JSC) meeting under Indo-US Joint Statement on Diabetes held on 6th February, 2013 in New Delhi



Release of the document entitled 'An overview of International Collaborative Research Projects in Health Research approved by HMSC from January, 2008 to December, 2012' Vol-II by the Secretary, DHR & DG, ICMR during the HMSC meeting held on 6th June, 2013 at ICMR Headquarters in New Delhi



Second JSC meeting under ICMR-MRC MoU chaired by the Secretary, DHR & DG, ICMR from Indian side held on 13th June, 2013 in London, UK



Signing of MoU between DHR and National Institute for Health and Care Excellence by Secretary, DHR and DG, ICMR on 14th June, 2013 in London, UK



IHD's participation in the sixth Joint Working Group (JWG) meeting between India and Sweden on Health, Co-Chaired by Shri Keshav Desiraju, Secretary, Ministry of Health and Family Welfare held on 4th October, 2013 at MOHFW in New Delhi



Tenth Joint Working Group (JWG) meeting under ICMR-INSERM MoU held on 22nd October, 2013 at the ICMR Headquarters in New Delhi



Release of the Compendium (Volume II) on outcome of completed projects under ICMR-INSERM MoU during the tenth ICMR- INSERM Joint Working Group (JWG) meeting held on 22nd October, 2013 at the ICMR Headquarters in New Delhi



IHD's participation in the first Joint Working Group (JWG) meeting between India and Mozambique on Health, Co Chaired by Shri S.K. Rao, Joint Secretary (IC), Ministry for Health and Family Welfare and Dr. Martinho Do Carmo Dgedge, National Director for Human Recourses, Govt. of Mozambique on 25th October, 2013 at MOHFW in New Delhi



Secretary, DHR & DG ICMR attending Research and Innovation week hosted by the RCUK India office under the GREAT banner celebrating five successful years of the UK-India research collaboration held on 12th November, 2013 in New Delhi



ICMR, India-MRC, UK workshop on Mental Health "Aetiology and Life Course of Substance Misuse and relationship with Mental illness" held during 26-28th, Feb, 2014 at NIMHANS in Bangalore



ICMR-Academy of Finland (AF) workshop on medical research held during 11-12th March, 2014 at the ICMR Headquarters in New Delhi



Visit by UK delegation led by Mr. Nick Tomlinson, Head of International Affairs, Department of UK on 1st Sept, 2014 at ICMR Headquarters in New Delhi



IHD's participation in the seventh Indo-Swedish JWG meeting under Indo-Swedish MoU for cooperation in the field of Healthcare and Public Health held during 18-19th September, 2014 at Stockholm in Sweden



A meeting between Hon'ble Minister of Health & Family Welfare, GoI, Shri JP Nadda, & Hon'ble Minister for Health Care, Public Care and Sports, Government of Sweden Mr. Gabriel Wikstrom held on 24th November, 2014 in New Delhi. Also present at the function were Sh. Lov Verma, Secretary (HFW) & Dr V M Katoch, Secretary (DHR), H.E. Mr. Harald Sandberg, Ambassador of Sweden to India, Dr Jagdish Prasad, DGHS and other senior officers of the MOHFW and ICMR along with members of the Swedish delegation



ICMR –FORTE, Sweden workshop on Ageing and Health was organized during 24-25th November, 2014 at ICMR Hqrs in New Delhi



Signing of MoU between ICMR and International AIDS Vaccine Initiative (IAVI), USA on cooperation in AIDS Vaccine Development in October/November, 2014 at ICMR Hqrs in New Delhi



Fourth BRICS Health Minister's meeting in Brazil- Dr V. M Katoch, Secretary, DHR & DG ICMR as representative of Government of India attending the meeting on 5th December, 2014 in Brasilia, Brazil



Dr. V.M. Katoch, Secretary, DHR, MOHFW and Director General, ICMR from India and Professor Vladislav Ya PANCHENKO, Chairman of RBF from Russia signed the MoU between ICMR-RFBR on cooperation in Health Research on 11th December, 2014 at Hyderabad House in New Delhi in presence of the Hon'ble PM of India and H.E President of Russia



Professor Vladislav Ya PANCHENKO, Chairman of RBFR & Dr. Alexander N. Sharov attended discussion meeting on implementation plan of ICMR-RFBR MoU on 12th December, 2014 at ICMR Headquarters in New Delhi



SAFHeR :Foundation Workshop for Under- Graduate Medical students on Clinical and Laboratory Medicine Research during 9-12 February, 2015 at National Institute of Pathology (NIP) in New Delhi



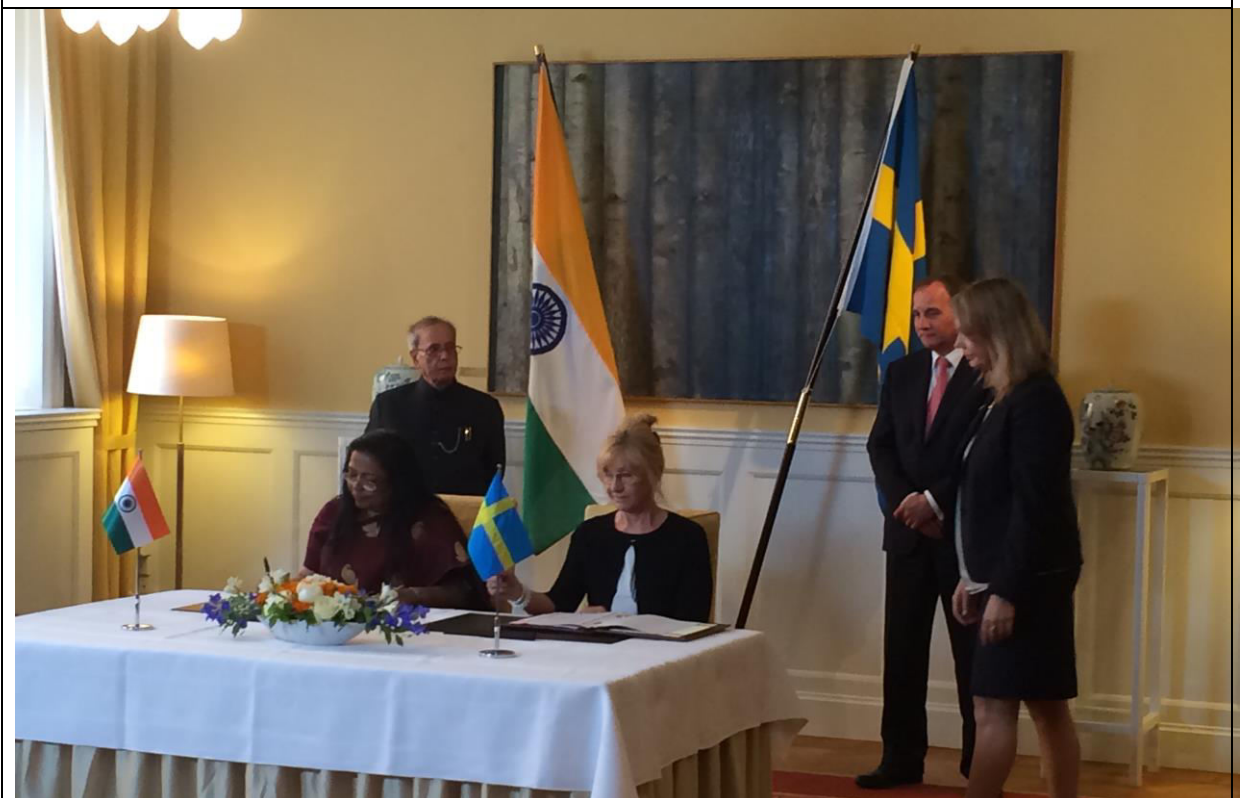
Participants of SAFHeR Foundation Workshop for Under-Graduate Medical students on Clinical and Laboratory Medicine Research on 12th February, 2015 at National Institute of Pathology (NIP) in New Delhi



Inauguration of India-ASEAN workshop on Malaria Research on 11th May, 2015 at NIMR in New Delhi



Valedictory ceremony of India-ASEAN workshop on Malaria Research on 15th May, 2015 at NIMR in New Delhi



Memorandum of Intent (MoI) between ICMR & FORTE, Sweden signed on 2nd June, 2015 at Stockholm in Sweden



Memorandum of Understanding (MoU) between India & USA on Environmental & Occupational Health signed on 25th June, 2015 at MOHFW in New Delhi



Memorandum of Understanding (MoU) between India & USA for collaboration on Cancer Research signed on 25th June, 2015 at MOHFW in New Delhi



Letter of Intent between India & USA on Anti Microbial Resistance(AMR) research signed on 25th June, 2015 at MOHFW in New Delhi

**List of International Collaborative Research Projects Approved by HMSC
during January, 2013 to June, 2015**

S.no.	Details of the Project	
1	Development and evaluation of a Food Frequency Questionnaire (FFQ) instrument for boys and girls in India	
	<p>Principal Investigator</p> <p>Dr. Rebecca Kuriyan Raj Associate Professor St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Amy Joye Memorial Research Award, The Academy of Nutrition and Dietetics Foundation (ANDF), USA</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 2,12,880</p> <p>Duration 5 Months</p> <p>Subject Area Nutrition</p>
2	Urine Matrix Metallo Proteinases (MMPs) as biomarkers for fusion following spinal instrumentation	
	<p>Principal Investigator</p> <p>Dr. Deepak Agrawal Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>AOSPINE ASIA PACIFIC (AOSPINE INDIA RESEARCH), Hongkong</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 3,79,721</p> <p>Duration 12 Months</p> <p>Subject Area Neurology</p>
3	The Asia Cornea Society Infectious Keratitis Study (ACSIKS)	
	<p>Principal Investigator</p> <p>Dr. Namrata Sharma Professor All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Asia Cornea Foundation, Singapore</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 67,13,890</p> <p>Duration 18 Months</p> <p>Subject Area Ophthalmology</p>
	Approved with conditions	

S.no.	Details of the Project	
4	Profile of antibody responses and duration of protection following influenza vaccination for adults >65 years old	
	Principal Investigator Dr. Madhu Khanna Associate Professor Vallabhbhai Patel Chest Institute, University of Delhi, New Delhi-110007	Funded by Asia-Pacific Alliance for the Control of Influenza (APACI), Australia Date of approval June 06, 2013 Total Budget Rs 16,52,616 Duration 24 Months Subject Area Influenza
	Approved for V.P. Chest Institute, New Delhi only	
5	Preconception maternal nutrition: A randomized trial of the global network for women's and children's health research in collaboration with the Bill and Melinda Gates Foundation	
	Principal Investigator Dr. Shivaprasad S Goudar Professor and Head Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by Bill & Melinda Gates Foundation & National Institute of Health (NIH), USA Date of approval June 06, 2013 Total Budget Rs 6,29,97,463 Duration 60 Months Subject Area Reproductive Health
	Approved with condition	
6	OPP1053989 Technical support: Facilitation of the Indian national rotavirus surveillance program	
	Principal Investigator Dr. Gagandeep Kang Professor Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 08, 2013 Total Budget Rs 4,79,259 Duration 48 Months Subject Area Infectious Diseases

S.no.	Details of the Project	
7	Aetiology of Neonatal Infection in South Asia (ANISA)	
	Principal Investigator Dr. Sailajanandan Parida Head Asian Institute of Public Health, 1037, Sriram Nagar, Samantarapur, Bhubaneswar - 751 002	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 06, 2013 Total Budget Rs 6,65,20,300 Duration 24 Months Subject Area Child Health
	Approved with suggestions	
8	Aetiology of Neonatal Infection in South Asia (ANISA)	
	Principal Investigator Dr. Anuradha Bose Professor Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 06, 2013 Total Budget Rs 6,65,20,300 Duration 24 Months Subject Area Child Health
	Approved with suggestion	
9	IDEAS (Informed Decisions for Actions) to improve maternal and newborn child	
	Principal Investigator Mr. Dipankar Bhattacharya Vice President Sambodhi Research & Communication Pvt. Ltd., O-2, 2nd & 3rd Floor, Lajpat Nagar II, New Delhi - 110024	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 06, 2013 Total Budget Rs 8,19,32,516 Duration 60 Months Subject Area Reproductive Health

S.no.	Details of the Project	
10	Improving the impact of IRS for Visceral Leishmaniasis with enabling integrated decision support systems	
	Principal Investigator Dr. Pradeep Das Director Rajendra Memorial Research Institute of Medical Sciences(RMRIMS), Agam-kuan, Patna-800007	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 11, 2014 Total Budget Rs 2,80,33,288 Duration 14 Months Subject Area Leishmaniasis
Approved with condition		
11	Closing a critical HIV prevention gap: demonstrating safety and effective delivery of daily oral pre-exposure prophylaxis (PrEP) as part of an HIV combination preventive intervention for sex workers in Kolkata and Mysore-Mandya, India	
	Principal Investigator Dr. Samarjit Jana Chief Advisor Durbar Mahila Samanwaya Committee, 12/5/ Nimoni Mitra Street, Kolkata - 700 006	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 17, 2015 Total Budget Rs 73,20,85,580 Duration 24 Months Subject Area HIV/AIDS/ STD
Approved with conditions of NACO		
12	Intussusception in Infants: Multisite Hospital Based Surveillance in India	
	Principal Investigator Dr. Manoja Kumar Das Director Projects The INCLEN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 17, 2015 Total Budget Rs 4,98,20,660 Duration 30 Months Subject Area Child Health
Approved with conditions		

S.no.	Details of the Project	
13	Research program to emphasize public health significance of childhood pneumonia in India	
	<p>Principal Investigator</p> <p>Dr. Narendra Kumar Arora Executive Director The INCLIN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020</p>	<p>Funded by</p> <p>Bill & Melinda Gates Foundation, USA</p> <p>Date of approval March 17, 2015</p> <p>Total Budget Rs 18,52,82,653</p> <p>Duration 36 Months</p> <p>Subject Area Child Health</p>
	Approved with condition	
14	Adaptation, validation and application of LYMFASIM model to predict the risk of resurgence following stopping MDA based on Transmission Assessment Survey (TAS)	
	<p>Principal Investigator</p> <p>Dr. S Subramanian Scientist E Vector Control Research Centre, Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by</p> <p>Bill & Melinda Gates Foundation, USA</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 27,30,356</p> <p>Duration 36 Months</p> <p>Subject Area Filariasis</p>
15	Barriers to care seeking in childhood pneumonia in urban, rural, tribal areas of Gujarat	
	<p>Principal Investigator</p> <p>Dr. Nandini Srivastava Deputy Director Public Health Training Institute, Deepak Foundation within Nijanand Ashram Premises, Nr. Laxmi Studia, Adjoining L & T Knowledge City, On NH - 8, Ta & Dist. Vadodara - 390 019</p>	<p>Funded by</p> <p>Bill & Melinda Gates Foundation, USA</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 43,82,640</p> <p>Duration 18 Months</p> <p>Subject Area Child Health</p>

S.no.	Details of the Project	
16	Clinical effectiveness of Early Humidified High Flow Nasal Cannula (HHFNC) oxygen administration method in 2 months to 59 months age group children attending the pediatric emergency room with severe community acquired pneumonia - A randomized controlled study	
	Principal Investigator Dr. K Sasidaran Consultant Pediatric Intensives & HOD Dr Mehtas Childrens Hospital AND Mehta Medical Trust No. 2, Me Nichols Road, 3rd Lane, Chetpet, Chennai - 600 031	Funded by Bill & Melinda Gates Foundation, USA Date of approval May 19, 2015 Total Budget Rs 91,53,596 Duration 24 Months Subject Area Child Health
17	To assess the effectiveness of various communication strategies for improving childhood pneumonia case management: A community based behavioural open labeled trial in rural Lucknow, Uttar Pradesh, India	
	Principal Investigator Prof. Shally Awasthi Professor King Georges Medical University (KGMU), Shah Mina Road,, Chowk, Lucknow - 226 003	Funded by Bill & Melinda Gates Foundation, USA Date of approval May 19, 2015 Total Budget Rs 1,49,94,798 Duration 24 Months Subject Area Child Health
18	Care seeking in childhood Pneumonia management: An exploratory study	
	Principal Investigator Dr. Shardha Suresh Additional Professor SAMARTH, New No. 100 Warren Road, Mylapore, Chennai - 600 004	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 10, 2015 Total Budget Rs 1,28,53,500 Duration 15 Months Subject Area Child Health
	As indicated by PI the permission of health officials at State and District level shall be obtained for the study	

S.no.	Details of the Project	
19	Determinants of neonatal Pneumonia and the factors associated with mortality of neonatal Pneumonia: A systematic review combined with qualitative research approach	
	<p>Principal Investigator</p> <p>Prof. N Sreekumaran Nair Professor and Head Manipal Life Sciences, level 6 Health Sciences Library building Manipal University, Manipal- 576104</p>	<p>Funded by</p> <p>Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 10, 2015</p> <p>Total Budget Rs 45,80,640</p> <p>Duration 24 Months</p> <p>Subject Area Child Health</p>
20	Pneumonia research initiative in rural areas and urban slums of Maharashtra	
	<p>Principal Investigator</p> <p>Dr. Jayashree S. Gothankar Professor & Head Bharati Vidyapeeth University Medical College, Balara Road Dhankawadi, Pune- 411043</p>	<p>Funded by</p> <p>Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 10, 2015</p> <p>Total Budget Rs 1,14,49,580</p> <p>Duration 24 Months</p> <p>Subject Area Child Health</p>
21	Chronic childhood vasculitits: characterizing the individual rare disease to improve patient outcomes	
	<p>Principal Investigator</p> <p>Prof. Amita Aggarwal Additional Professor Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow-226014</p>	<p>Funded by</p> <p>Canadian Institutes of Health Research, Canada</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 2,02,500</p> <p>Duration 48 Months</p> <p>Subject Area Child Health</p>
	Approved with 10% transfer of biomaterial	

S.no.	Details of the Project	
22	Mood stabilizer plus antidepressant versus mood stabilizer plus placebo in the maintenance treatment of bipolar disorder	
	<p>Principal Investigator</p> <p>Prof. Y C Janardhan Reddy Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Hosur Road, Bangalore - 560029</p>	<p>Funded by</p> <p>Canadian Institutes of Health Research, Canada</p> <p>Date of approval April 17, 2015</p> <p>Total Budget Rs 98,24,000</p> <p>Duration 36 Months</p> <p>Subject Area Neurosciences</p>
23	Diagnosis and treatment response in antipsychotic naive schizophrenia: A clinical and arterial spin labeling study	
	<p>Principal Investigator</p> <p>Dr. Shivarama Varambally Associate Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Hosur Road, Bangalore - 560029</p>	<p>Funded by</p> <p>Central Research Grant, University of London, UK</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 3, 93,800</p> <p>Duration 24 Months</p> <p>Subject Area Mental Health</p>
	Approved with conditions	
24	Mifepristone and misoprostol for the termination of pregnancies of 10-20 wks (64-100 days) gestation/in Thailand of 10-14 weeks (64-100 days) gestation	
	<p>Principal Investigator</p> <p>Prof. Lakhbir Dhaliwal Professor Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>Concept Foundation, Geneva, Switzerland</p> <p>Date of approval April 17, 2015</p> <p>Total Budget None</p> <p>Duration 14 Months</p> <p>Subject Area Reproductive Health</p>
	Approved with condition	

S.no.	Details of the Project	
25	Biomarker discovery and validation in the Duchenne Muscular Dystrophy natural history study	
	<p>Principal Investigator</p> <p>Dr. V Vishwanathan Consultant (Pediatric Neurologist) Apollo Childrens Hospital, 15, Shafi Mohammed Road, Thousand Lights, Chennai - 600 006</p>	<p>Funded by</p> <p>Cooperative International Neuromuscular Research Group (CINRG), USA</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 21,06,500</p> <p>Duration 60 Months</p> <p>Subject Area Neurology</p>
	Approved with condition	
26	Molecular detection of multidrug resistance in <i>M.tuberculosis</i> from slides in middle and low-income countries	
	<p>Principal Investigator</p> <p>Dr. Sarman Singh Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Damien Foundation, Belgium</p> <p>Date of approval April 17, 2015</p> <p>Total Budget None</p> <p>Duration 36 Months</p> <p>Subject Area Tuberculosis</p>
	Approved with conditions	
27	Antibody – Dependent Cellular Cyto-toxicity (ADCC): a new frontier in vaccine research	
	<p>Principal Investigator</p> <p>Dr. Madhuri Thakar Scientist E National AIDS Research Institute (NARI), G-73 Bhosari Industrial Estate, Bhosari, Pune-411026</p>	<p>Funded by</p> <p>DBT under Indo-Australian Biotechnology Fund</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs. 2,40, 00,000</p> <p>Duration 36 Months</p> <p>Subject Area Vaccine Development</p>

S.no.	Details of the Project	
28	Optic Nerve Ultrasound in Severe Traumatic Brain Injury	
	<p>Principal Investigator</p> <p>Dr. Deepak Agrawal Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Department of Biotechnology under INDO-US Initiative (NIH-USA)</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 36,07,380</p> <p>Duration 60 Months</p> <p>Subject Area Neurosciences</p>
29	Influenza A (H7N9) surveillance	
	<p>Principal Investigator</p> <p>Dr. Mandeep S. Chadha Scientist F National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune- 411001</p>	<p>Funded by</p> <p>Department of Health and Human Services (DHHS) and Centres for Disease Control and Prevention (CDC), USA</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 60,00,000</p> <p>Duration 12 Months</p> <p>Subject Area Infectious Diseases</p>
30	Multi-site epidemiological and virological survey of Nipah virus: special emphasis on North East region of India	
	<p>Principal Investigator</p> <p>Dr. D T Mourya Director National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune- 411001</p>	<p>Funded by</p> <p>Department of Health and Human Services (DHHS) and Centres for Disease Control and Prevention (CDC), USA</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 1, 31,40,000</p> <p>Duration 36 Months</p> <p>Subject Area Vaccine Development</p>

S.no.	Details of the Project	
31	Assessment of the efficacy of licensed seasonal live attenuated and inactivated influenza vaccines among children in India	
	<p>Principal Investigator</p> <p>Dr. Anand Krishnan Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Department of Health and Human Services (DHHS) and Centres for Disease Control and Prevention (CDC), USA</p> <p>Date of approval March 17, 2015</p> <p>Total Budget Rs 5,36,15,898</p> <p>Duration 18 Months</p> <p>Subject Area Influenza</p>
32	Surveillance for bloodstream infections at a referral Indian hospital	
	<p>Principal Investigator</p> <p>Dr. Purva Mathur Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Department of Health and Human Services (DHHS) and Centres for Disease Control and Prevention (CDC), USA</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 18,07,428</p> <p>Duration 24 Months</p> <p>Subject Area Infectious Diseases</p>
	Approved with conditions	
33	IMPACT –AF, international multicenter cluster randomized controlled trial to improve treatment with Anti-Coagulants in patients with atrial fibrillation	
	<p>Principal Investigator</p> <p>Dr. Denis Xavier Professor and Head St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Duke Clinical Research Institute, Duke University, USA</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 1,50,00,000</p> <p>Duration 24 Months</p> <p>Subject Area Cardiovascular Diseases</p>
	Approved for only 10 sites (out of 13)	

S.no.	Details of the Project	
34	A Trusted Mobile Platform for the self-management of chronic illness in rural areas (TRUMP)	
	<p>Principal Investigator</p> <p>Dr. G VS Murthy Director Indian Institute of Public Health- Hyderabad (PHFI), ANV Arcade, 1 Amar Co-operative Society, Kavuri Hills, Madhapur, Hyderabad- 500033</p>	<p>Funded by</p> <p>Engineering and Physical Sciences Research Council (EPSRC), Swindon, UK</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 59,85,750</p> <p>Duration 12 Months</p> <p>Subject Area m-Health</p>
	Chairman HMSC approved the study on 30 th November, 2014 as PI submitted the revised IEC clearance	
35	Exposure assessment and modeling for PM 2.5 in the Andhra Pradesh Children and Parents Study (APCAPS), a prospective cohort examining risk factors for cardiovascular health effects in India	
	<p>Principal Investigator</p> <p>Dr. S Sankar Associate Professor & Head Sri Ramachandra University , No1 Ramachandra Nagar, Porur, Chennai-600116</p>	<p>Funded by</p> <p>European Research Council, Belgium</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 21,011,800</p> <p>Duration 48 Months</p> <p>Subject Area Cardiovascular Diseases</p>
36	Kinetoplastid Drug Development: strengthening the preclinical pipeline; KINDReD	
	<p>Principal Investigator</p> <p>Dr. Sarman Singh Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>European Union</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 1,91,01,632</p> <p>Duration 36 Months</p> <p>Subject Area Leishmaniasis</p>

S.no.	Details of the Project	
37	Pharmacovigilance in juvenile idiopathic arthritis patients (Pharmachild) treated with biologic agents and/or methotrexate. A Pediatric Rheumatology International Trials Organization (PRINTO)/Pediatric Rheumatology European Society (PRES) registry	
	Principal Investigator Dr. Sujata Sawhney Senior Consultant (Pediatric Rheumatology) Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060	Funded by European Union Date of approval September 16, 2013 Total Budget Rs 24, 60,000 Duration 36 Months Subject Area Child Health
	Approved with condition	
38	Collaborative European Neurotrauma Effectiveness research in Traumatic Brain injury: a prospective longitudinal observational study and collaborative Indian Neurotrauma Effectiveness research in TBI: a prospective longitudinal observational study (CENTRE and CENTER-TBI)	
	Principal Investigator Dr. Deepak Gupta Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by European Union Date of approval May 19, 2015 Total Budget Rs 6,04,800 Duration 36 Months Subject Area Neurosciences
39	Evaluation of LAMP TB (Loopamp TM MTBC Detection Kit) for diagnosis of pulmonary tuberculosis	
	Principal Investigator Dr. Sunil Sethi Additional Professor Postgraduate Institute of Medical Education and Research, Sector- 12, Chandigarh - 160012	Funded by Foundation for Innovative New Diagnostics (FIND), Switzerland Date of approval April 17, 2015 Total Budget Rs 12,42, 240 Duration 9 Months Subject Area Tuberculosis
	Approved with condition	

S.no.	Details of the Project	
40	Body size, proportions and composition of Ladakhi and Tibetan children in India: relationship to environment and parental characteristics	
	<p>Principal Investigator</p> <p>Dr. Rebecca Kuriyan Raj Associate Professor St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Gibbs Fellowship Newnham College, Cambridge, UK</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs. 18,53,347</p> <p>Duration 24 Months</p> <p>Subject Area Child Health</p>
	Approved with conditions	
41	A phase 4 randomized open label active-controlled superiority study to evaluate the efficacy and safety of Tenofovir Disoproxil Fumarate (TDF) in combination with Peginterferon - 2a (pegasys) versus standard of care Tenofovir Disoproxil Fumarate monotherapy or peginterferon 2a monotherapy for 48 weeks in non-cirrhotic subjects with HBeAg+positive or HBeAg-Neg Chronic Hepatitis B(CHB)	
	<p>Principal Investigator</p> <p>Dr. S K Acharya Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 30,56,169</p> <p>Duration 30 Months</p> <p>Subject Area Gastroenterology</p>
42	A Phase 3, randomized double blind study to evaluate the safety and efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the treatment of HBeAg-positive, chronic Hepatitis B	
	<p>Principal Investigator</p> <p>Dr. S K Acharya Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 59,20,000</p> <p>Duration 38 Months</p> <p>Subject Area Gastroenterology</p>
	Approved for AIIMS site only	

S.no.	Details of the Project	
43	A Phase 3, randomized, double blind study to evaluate the safety and efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the treatment of HBeAg-negative, chronic Hepatitis B	
	Principal Investigator Dr. S K Acharya Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Gilead Sciences, Inc., USA Date of approval September 09, 2014 Total Budget Rs 38,48,000 Duration 38 Months Subject Area Gastroenterology
Approved for AIIMS site only		
44	A phase 3b, multi-center, randomized, open label study to evaluate the safety and efficacy of Sofosbuvir plus Ribavirin in treatment - naive adults with chronic genotype 1 or 3 Hepatitis C virus infection	
	Principal Investigator Dr. S K Acharya Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Gilead Sciences, Inc., USA Date of approval September 09, 2014 Total Budget Rs 11,71,640 Duration 1 Month Subject Area Gastroenterology
Approved for 9 sites with suggestions		
45	Family-led rehabilitation after stroke in India - The ATTEND Trial	
	Principal Investigator Dr. Jeyaraj D Pandian Professor and Head Christian Medical College and Hospital, Brown Road, Ludhiana-141008	Funded by Global Health Strategic Priority Grant (NHMRC, Australia) Date of approval September 16, 2013 Total Budget Rs 7,97,62,436 Duration 54 Months Subject Area Rehabilitation
Approved with conditions		

S.no.	Details of the Project	
46	Develop a sustainable <i>Plasmodium vivax</i> liver stage assay using human hepatocytes derived from induced pluripotent stem cells	
	<p>Principal Investigator</p> <p>Dr. Susanta Kumar Ghosh Scientist F</p> <p>National Institute of Malaria Research (NIMR) Field Unit, Nirmal Bhawan - ICMR Complex (II Floor), Poojanahalli Road, Kannamangala Post, Bangalore – 562 110</p>	<p>Funded by</p> <p>Grand Challenges in Global Health (through Bill & Melinda Gates Foundation), USA</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 61,00000</p> <p>Duration 18 Months</p> <p>Subject Area Malaria</p>
	Approved with conditions	
47	Proof of concept of a culturally appropriate iron fortified biscuit to reduce maternal and perinatal anemia	
	<p>Principal Investigator</p> <p>Dr. Prathibha Dwarkanath Lecturer</p> <p>St. Johns Research Institute, St. Johns National Academy of Health Sciences Opposite B.D.A. Complex, Koramangala, Bangalore-500065</p>	<p>Funded by</p> <p>Grand Challenges(GC), Canada</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs. 87,83,940</p> <p>Duration 24 Months</p> <p>Subject Area Nutrition</p>
	Approved with conditions	
48	Testing an innovative low cost model for improving mental health services in a rural district in Kashmir	
	<p>Principal Investigator</p> <p>Dr. Mushtaq Margoob Honorary Director</p> <p>SAWAB Centre, Voluntary Medicare Society, Bemina, Srinagar 190 018</p>	<p>Funded by</p> <p>Grand Challenges (GC), Canada</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 1,40,74,831</p> <p>Duration 24 Months</p> <p>Subject Area Mental Health</p>
	Approved with conditions	

S.no.	Details of the Project	
49	Empower ASHAs to provide mobile, multiplex, pregnancy screening at point of care	
	Principal Investigator Dr. Rita Isaac Professor Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by Grand Challenges (GC), Canada Date of approval December 08, 2014 Total Budget Rs 17,85,095 Duration 18 Months Subject Area Reproductive Health
	Approved with conditions	
50	Implementation of the International Guide for Monitoring Child Development (IGMCD): An individualized technology-aided approach to promoting early childhood development in a low income setting in Mumbai	
	Principal Investigator Dr. Vibha Krishnamurthy Medical Director Ummeed Child Development Centre, Subhash Nagar, N.M. Joshi Marg, Chinchpokli (W), Mumbai - 400 011	Funded by Grand Challenges (GC), Canada Date of approval June 10, 2015 Total Budget 1,37,40,131 Duration 18 Months Subject Area Child Health
51	m-CTG: A low cost mobile phone cardiocograph device for antenatal and intrapartum monitoring to prevent perinatal mortality in low resource settings	
	Principal Investigator Dr. Manoja Kumar Das Director The INCLEN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020	Funded by Grand Challenges (GC), Canada Date of approval June 10, 2015 Total Budget Rs 15,175,977 Duration 24 Months Subject Area m-Health
	Approved with conditions	

S.no.	Details of the Project	
52	Skills and drills intervention for improving emergency obstetric and neonatal care in select first referral units of districts in north Karnataka	
	<p>Principal Investigator</p> <p>Dr. Beena Varghese Adjunct Professor St. Johns Research Institute, St. Johns National Academy of Health Sciences Opposite B.D.A. Complex, Koramangala, Bangalore-500065</p>	<p>Funded by</p> <p>Harvard School of Public Health, Boston, USA</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 2,24,29,342</p> <p>Duration 24 Months</p> <p>Subject Area Reproductive Health</p>
53	Efficacy of zinc bio-fortified wheat in improving zinc status in Indian school children with low zinc status : a randomized controlled trial	
	<p>Principal Investigator</p> <p>Dr. Anura V Kurpad Professor & Head St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Harvest Plus (USA) and Swiss Federal Institute of Technology Zurich (ETH), Switzerland</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 1, 29, 89,445</p> <p>Duration 10 Months</p> <p>Subject Area Nutrition</p>
	Approved with suggestions	
54	Effect of iron-and zinc-bio-fortified pearl millet (ICTP8203-Fe) consumption on growth, immune competence, and cognitive function in children aged 12-18 months in India	
	<p>Principal Investigator</p> <p>Dr. Shobha A Udipi Professor & Head SNDT Womens University, Juhu Tara Road, Santacruz West, Mumbai - 400 049</p>	<p>Funded by</p> <p>Harvest Plus/ IFPRI, USA</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 1, 63, 02,515</p> <p>Duration 9 Months</p> <p>Subject Area Nutrition</p>

S.no.	Details of the Project	
55	Role of human papillomavirus infection and other co-factors in the aetiology of the head and neck cancer in India	
	<p>Principal Investigator</p> <p>Prof. M Radhakrishna Pillai Director Rajiv Gandhi Centre for Biotechnology (RGCB), Thycaud PO, Poojapura, Thiruvananthapuram -695014</p>	<p>Funded by</p> <p>ICMR under ICMR - European Union Collaboration</p> <p>Date of approval March 08, 2013</p> <p>Total Budget Rs 2,77,00,998</p> <p>Duration 36 Months</p> <p>Subject Area Oncology</p>
	Out of four, two study sites approved on 8 th March, 2013 and remaining study sites were approved by HMSC on 9 th September 2014	
56	Study of regulation of mitochondrial turnover and dynamics in Neuronal Ceroid Lipofuscinoses (NCL)	
	<p>Principal Investigator</p> <p>Dr. Rajesh Singh Group Leader Indian Institute of Advanced Research, Koba Ins. Area, Gandhinagar -382007</p>	<p>Funded by</p> <p>ICMR under ICMR - European Union Collaboration</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 88,14,000</p> <p>Duration 36 Months</p> <p>Subject Area Neurosciences</p>
	Approved for PGIMER, Chandigarh only	
57	Role of HPV in etiology and progression of head and neck cancer	
	<p>Principal Investigator</p> <p>Dr. Rajesh Dikshit Associate Professor Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012</p>	<p>Funded by</p> <p>ICMR under ICMR - European Union Collaboration</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 49,29,200</p> <p>Duration 36 Months</p> <p>Subject Area Oncology</p>
	The HMSC in its meeting on 9 th September, 2014 noted the information given by Indian PI (provided in response to observation of HMSC) that the project will be conducted under ICMR-EU collaboration	

S.no.	Details of the Project	
58	Functional characterization of HLA class I restricted CD8+T cells in Type 1 diabetes	
	Principal Investigator Prof. Gurvinder Kaur Scientist All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by ICMR under ICMR-INSERM MoU Date of approval September 16, 2013 Total Budget Rs 57,49,724 Duration 24 Months Subject Area Diabetes
	Change of PI as Dr G Kaur in place of Prof N K Mehra approved by DG, ICMR on 9 th February, 2015 and endorsed by Committee in its meeting held on 17 th March, 2015	
59	Impact of lifestyle intervention on miRNA biomarkers and glucose metabolism	
	Principal Investigator Dr. V Mohan Director Madras Diabetes Research Foundation, No-4, Conran Smith Road, Gopalapuram, Chennai-600086	Funded by ICMR under ICMR-INSERM MoU Date of approval September 16, 2013 Total Budget Rs 60,00,000 Duration 24 Months Subject Area Diabetes
60	Structure based design of orphan nuclear receptor modulators to treat diabetes and its complications by targeting RORalpha and Rev-erbalpha	
	Principal Investigator Prof. P Yogeeswari Associate Professor & Head Birla Institute of Technology and Science, Pilani, Hyderabad Campus, Shameerpet, R.R. District, Hyderabad - 500078	Funded by ICMR under ICMR-INSERM MoU Date of approval September 16, 2013 Total Budget Rs 21,61,000 Duration 24 Months Subject Area Diabetes

S.no.	Details of the Project	
61	Lipid nanocarriers for improving delivery of less soluble drugs employed in treatment of HIV and hypertension in maternal health	
	Principal Investigator Dr. M S Nagarsenker Professor of Pharmaceutics Bombay College of Pharmacy, Kalina Santacruz, Mumbai-400098	Funded by ICMR under Indo-German Programme Date of approval March 10, 2014 Total Budget Rs 6,87,000 Duration 24 Months Subject Area HIV/AIDS/ STD
62	Contribution of angiogenesis and inflammation to fibrogenesis and regeneration in non-alcoholic fatty liver diseases (NAFLD)	
	Principal Investigator Dr. Savneet Kaur Assistant Professor School of Biotechnology, Gautam Buddha University, Greater NOIDA, Yamuna Expressway, Gautam Buddha Nagar Greater NOIDA-201308	Funded by ICMR under Indo-German Programme Date of approval June 11, 2014 Total Budget Rs 43,10,800 Duration 36 Months Subject Area Stem Cell Research
	Approved with conditions	
63	Mechanistic evaluation of impaired regeneration of collateral vessel in the peripheral circulation during Diabetes Mellitus (DM) – role of Early Growth Response -1 (EGR-1)	
	Principal Investigator Dr. Srinivasan Vedantham Senior Assistant Professor School of Chemical & BioTechnology SASTRA University, Thirumalaisamudram, Thanjavur - 613 401,	Funded by ICMR under Indo-German Programme Date of approval June 11, 2014 Total Budget Rs 41,20,800 Duration 24 Months Subject Area Stem Cell Research
	The budget as decided by PRC was approved	

S.no.	Details of the Project	
64	Immune activation of virologically suppressed Indian HIV infected patients	
	Principal Investigator Dr. N Kumarasamy Chief Medical Officer Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval March 08, 2013 Total Budget Rs 49, 03,053 Duration 12 Months Subject Area HIV/AIDS/ STD
	Approved with conditions	
65	Preventing and treating HIV co-morbidities in India: multi-tiered strategy for women	
	Principal Investigator Dr. Prabha S Chandra Associate Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Hosur Road, Bangalore - 560029	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval March 08, 2013 Total Budget Rs 40, 99,309 Duration 24 Months Subject Area HIV/AIDS/ STD
66	Improving HIV testing among wives of MSM in India	
	Principal Investigator Mr. Aylur K Srikrishnan Research Manager Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval June 06, 2013 Total Budget Rs 40,10,633 Duration 24 Months Subject Area HIV/AIDS/ STD

S.no.	Details of the Project	
67	Association of persistent organic pollutants with incident diabetes among urban Indian adults	
	<p>Principal Investigator</p> <p>Prof. Dorairaj Prabhakaran Vice President Public Health Foundation of India Plot No.47, Sector – 44, Gurgaon - 122002</p>	<p>Funded by</p> <p>ICMR under Indo-US Joint Statement on Diabetes Research</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs. 56,16,686</p> <p>Duration 24 Months</p> <p>Subject Area Diabetes</p>
68	A comparison of the clinical and molecular features of Chronic Lymphocytic Leukemia (CLL) in Indian and Canadian populations	
	<p>Principal Investigator</p> <p>Dr. Renu Saxena Professor and Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Indo Shastri Grant, New Delhi</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 6, 00,000</p> <p>Duration 24 Months</p> <p>Subject Area Haematology</p>
	Approved with 10% of biological samples for quality control to be transferred as confirmed by Indian PI to Technical Division.	
69	Molecular study of RH gene variants in Indians	
	<p>Principal Investigator</p> <p>Dr. Swati Kulkarni Scientist C National Institute of Immuno-Haematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012</p>	<p>Funded by</p> <p>Indo-French Centre for the Promotion of Advanced Research (IFCPAR), India</p> <p>Date of approval March10, 2014</p> <p>Total Budget Rs 32,50,000</p> <p>Duration 24 Months</p> <p>Subject Area Genomics</p>

S.no.	Details of the Project	
70	Value of intraventricular synchronism assessment by Gated-SPECT Myocardial Perfusion Imaging (MPI) in the management of heart failure patients submitted to cardiac resynchronization therapy	
	<p>Principal Investigator</p> <p>Dr. Chetan D Patel Additional Professor All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 5, 00,000</p> <p>Duration 36 Months</p> <p>Subject Area Cardiovascular Diseases</p>
	Approved with conditions	
71	The International Fetal & Newborn Growth Standards for 21st Century INTERGROWTH-21ST STUDY with added component	
	<p>Principal Investigator</p> <p>Dr. Manorama Purwar Ex. Professor Government Medical College, B-302, Neelgagan Housing Society, Dhantoli, Nagpur-440012</p>	<p>Funded by</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval April 17, 2015</p> <p>Total Budget Rs 44,70,000</p> <p>Duration 48 Months</p> <p>Subject Area Child Health</p>
	Approved with condition to submit BARC clearance before initiation of the study	
72	Multicenter retrospective study on the epidemiology of Invasive Mold Infections (IMIs) in Asia	
	<p>Principal Investigator</p> <p>Dr. Arunaloke Chakrabarti Professor and Head Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>International Society for Human and Animal Mycology, Singapore</p> <p>Date of approval December 09, 2013</p> <p>Total Budget None</p> <p>Duration 12 Months</p> <p>Subject Area Mycology</p>
	Study period in India to be notified by the PI	

S.no.	Details of the Project	
73	Bidirectional screening of tuberculosis and diabetes mellitus patients in a tertiary care centre in India	
	Principal Investigator Dr. S K Sharma Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by International Union against TB & Lung Diseases Date of approval March 08, 2013 Total Budget Rs 15,000 Duration 9 Months Subject Area Diabetes
Approved for AIIMS, New Delhi site only		
74	Immune tolerance induction by Factor VIII concentrate containing Von Willebrand Factor (VWF), in severe or moderate Haemophilia A patients with inhibitors	
	Principal Investigator Dr. Tulika Seth Asst. Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Istituti di ricovero e cura a carattere scientifico (IRCCS), Italy Date of approval December 08, 2014 Total Budget Rs 3,33,240 Duration 48 Months Subject Area Haematology
Approved for AIIMS, New Delhi only		
75	A randomized, controlled trial to assess the impact of TAMA (Health IT System) on treatment effectiveness in HIV-1 infected subjects initiated on first -line antiretroviral therapy	
	Principal Investigator Dr. D.G. Saple Professor of Dermatology Centre for Dermatology, 134 Mohan Bagan, Sir Bhalchandra Road, King George School Circle, Dadar(E) Mumbai-400014	Funded by Janssen Infectious Diseases, Belgium Date of approval September 09, 2014 Total Budget Rs 2,39,20,700 Duration 8 Months Subject Area HIV/AIDS/ STD
On 11 th June, 2015, PI requested for withdrawal of the proposal as the sponsor would not like to go ahead with the study		

S.no.	Details of the Project	
76	Investigation of the impact of the internet usage on brain structure and cognition	
	<p>Principal Investigator</p> <p>Dr. Himadri Datta Professor Regional Institute of Ophthalmology, 78 Chetla Road, Dipanwita, W-1/5, Kolkata - 700 027</p>	<p>Funded by</p> <p>Japan Science and Technology Agency (JST), Japan</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 38, 00,000</p> <p>Duration 24 Months</p> <p>Subject Area Neurosciences</p>
77	Surveillance study to determine the prevalence of poliovirus excretion in immune deficient individuals	
	<p>Principal Investigator</p> <p>Dr. Surjit Singh In charge Pediatric Allergy Immunology Unit Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>Jeffrey Modell Foundation, USA</p> <p>Date of approval March 17, 2015</p> <p>Total Budget Rs 1,20,000</p> <p>Duration 6 Months</p> <p>Subject Area Infectious Diseases</p>
	Approved with suggestions	
78	The impact of hospital based care for palliative care patients	
	<p>Principal Investigator</p> <p>Dr. Sushma Bhatnagar Professor & Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Jiv Daya Foundation, Texas, USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 23, 77,664</p> <p>Duration 47 Months</p> <p>Subject Area Oncology</p>

S.no.	Details of the Project	
79	Cross sectional survey amongst children aged <5 years in selected study sites	
	<p>Principal Investigator</p> <p>Dr. Neelima Mishra Scientist G National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077</p>	<p>Funded by</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 20, 15,794</p> <p>Duration 5 Months</p> <p>Subject Area Malaria</p>
80	Improving the evidence base in disability in India	
	<p>Principal Investigator</p> <p>Dr. G V S Murthy Director Indian Institute of Public Health- Hyderabad (PHFI), ANV Arcade, 1 Amar Co-operative Society, Kavuri Hills, Madhapur, Hyderabad-500033</p>	<p>Funded by</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 65, 18,295</p> <p>Duration 12 Months</p> <p>Subject Area Health Systems Research</p>
	Final approval by the HMSC in its meeting held on 8 th December, 2014	
81	Assay development for <i>Plasmodium vivax</i> infected hepatocytes in Micro Patterned Co-culture (MPCC) plates	
	<p>Principal Investigator</p> <p>Dr. Susanta Kumar Ghosh Scientist F National Institute of Malaria Research (NIMR), Epidemic Diseases Hospital Campus, Old Madras Road, Bangalore-560038</p>	<p>Funded by</p> <p>Medicines for Malaria Venture, Geneva</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 80,00000</p> <p>Duration 18 Months</p> <p>Subject Area Malaria</p>

S.no.	Details of the Project	
82	Assessing and measuring tobacco use patterns among inpatients at the Prince Aly Khan Hospital, Mumbai	
	Principal Investigator Dr. Sultan Pradhan Senior Onco-surgeon Prince Aly Khan Hospital, Aga Hall, Nesbit Road, Mazagaon, Mumbai - 400 010	Funded by Massachusetts General Hospital, USA Date of approval September 09, 2014 Total Budget Rs 13,40,000 Duration 18 Months Subject Area Life Style Diseases
	PI submitted revised proposal and the Committee approved it during its meeting held on 17 th April, 2015	
83	A cross sectional study of Brucellosis prevalence in livestock in Punjab province of India	
	Principal Investigator Dr. Premanshu Danadapat Senior Scientist Indian Veterinary Research Institute, 37, Belgachia Road, Kolkata-700037	Funded by Massey University, New Zealand Date of approval June 06, 2013 Total Budget Rs 24, 34,400 Duration 6 Months Subject Area Bacteriology
	Approved with suggestions	
84	Knowledge, attitude and practices study regarding rabies in the rural community in India	
	Principal Investigator Dr. Vinay Mohan Wadhawan Joint Director Northern Regional Disease Diagnostic Laboratory (RDDL), New Rajendar Nagar, Jalandhar- 144001	Funded by Massey University, New Zealand Date of approval June 06, 2013 Total Budget Rs 26, 75,000 Duration 6 Months Subject Area Infectious Diseases
	Approved with suggestions	

S.no.	Details of the Project	
85	ONCOGRID: A mobile Health (m Health) approach to prevention and early diagnosis of oral cancer in rural South India	
	<p>Principal Investigator</p> <p>Dr. M. Abraham Kuriakose Professor & Director Mazumdar Shaw Cancer Center (MSCC), Narayana Hrudayalaya Health City, No. 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore-560099</p>	<p>Funded by</p> <p>McKesson Foundation, San Francisco, USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 33,88,268</p> <p>Duration 18 Months</p> <p>Subject Area Oncology</p>
86	Treatment outcomes in HIV-infected patients with multidrug-resistant and extensively drug-resistant tuberculosis in metropolitan Mumbai, India	
	<p>Principal Investigator</p> <p>Dr. Mrinalini Das Medical Epidemiologist Medecins Sans Frontieres, A-131, Defence Colony, New Delhi-110024</p>	<p>Funded by</p> <p>Medecins Sans Frontieres</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 1,10,80,165</p> <p>Duration 40 Months</p> <p>Subject Area HIV/ Tuberculosis</p>
87	PROGRESS: Policy and peer mentOr intervention proGrams on cardiovasculaR disEase at small to medium sized workSites in 3 South Asian countries	
	<p>Principal Investigator</p> <p>Dr. Denis Xavier Professor and Head St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Medical Research Council (MRC)/ Wellcome Trust / Department for International Development (DFID), UK</p> <p>Date of approval June 10, 2015</p> <p>Total Budget Rs 57,46,571</p> <p>Duration 18 Months</p> <p>Subject Area Cardiovascular Diseases</p>
	Approved, however IEC of specific worksites be submitted to ICMR before initiation of study	

S.no.	Details of the Project	
88	Creation of the UK-India SLE Immuno Genetics Network (SIGN)	
	<p>Principal Investigator</p> <p>Dr. Kanjaksha Ghosh Scientist G & Director</p> <p>National Institute of Immunohaematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012</p>	<p>Funded by</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 06, 2013</p> <p>Total Budget None</p> <p>Duration 36 Months</p> <p>Subject Area</p>
Approved only for NIIH, Mumbai and for other sites with conditions		
89	Community intervention to improve growth among children under-2 in rural India	
	<p>Principal Investigator</p> <p>Dr. Sanghita Bhattacharyya Senior Public Health Specialist</p> <p>Public Health Foundation of India, ISID Campus, 4 Institutional Area, Vasant Kunj, New Delhi - 110070</p>	<p>Funded by</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 4,71,07,114</p> <p>Duration 39 Months</p> <p>Subject Area Child Health</p>
Approved with condition		
90	Induction of labour in pre-eclamptic women: a randomized trial comparing the Foley balloon catheter with oral misoprostol	
	<p>Principal Investigator</p> <p>Dr. Jayashree Mulik Associate Professor</p> <p>Government Medical College, Near Hanuman Nagar, Nagpur- 440009</p>	<p>Funded by</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 58, 50,000</p> <p>Duration 36 Months</p> <p>Subject Area Reproductive Health</p>
Approved with condition		

S.no.	Details of the Project	
91	Fetal programming of health and disease; follow-up of children whose mothers took part in a pre-conceptional nutrition trial in Mumbai - the SARAS KIDS project	
	Principal Investigator Dr. Ramesh Potdar Hon. General Secretary Centre for the Study of Social Change, Plot 6, Block F, Opp Govt. Colony No. 326, Bandra East, Mumbai - 400 051	Funded by Medical Research Council (MRC), UK Date of approval May 19, 2015 Total Budget Rs 2, 68, 98,927 Duration 36 Months Subject Area Nutrition
92	Medication use patterns, treatment satisfaction, and inadequate control of osteoporosis study (MUSIC-OS): an Asia Pacific study of postmenopausal women treated for osteoporosis in clinical practice	
	Principal Investigator Dr. Rajesh Malhotra Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Merck Sharp & Dohme Corp. USA Date of approval March 10, 2014 Total Budget Rs 3,31,650 Duration 12 Months Subject Area Orthopedic
93	A prospective, open label, multicenteric data collection registry in order to describe treatment choices in management of metastatic Colorectal Cancer (mCRC) patients with unresectable hepatic and/or extra hepatic disease, across treatment lines (Asian Metastatic Colorectal Cancer Registry)	
	Principal Investigator Dr. Shailesh Shrikhande Professor Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012	Funded by Merck Specialties Pvt. Ltd., India Date of approval December 09, 2013 Total Budget Rs 8,90,000 Duration 72 Months Subject Area Oncology

S.no.	Details of the Project	
94	The Prophylactic hypOthermia trial to lessen trAumatic bRain injury - Randomized controlled trial	
	Principal Investigator Dr. Deepak Gupta Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Monash University, Australia Date of approval May 19, 2015 Total Budget Rs 35,67,256 Duration 36 Months Subject Area Neurosciences
95	SMART Health – India: systematic medical assessment, referral and treatment in rural India	
	Principal Investigator Dr. Anushka Patel Executive Director The George Institute for Global Health-India Office, 839 C Road No.44A, Jubilee Hills, Hyderabad-500033	Funded by National Health and Medical Research Council (NHMRC), Australia under Global Alliance for Chronic Diseases (GACD) Grant Date of approval June 06, 2013 Total Budget Rs 5,09,99,970 Duration 36 Months Subject Area Cardiovascular Diseases
96	Developing the evidence base for a national salt reduction program for India	
	Principal Investigator Prof. Dorairaj Prabhakaran Executive Director Center for Chronic Disease Control(CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi -110016	Funded by National Health and Medical Research Council (NHMRC), Australia under Global Alliance for Chronic Diseases (GACD) Grant Date of approval September 16, 2013 Total Budget Rs 4,04,75,113 Duration 36 Months Subject Area Nutrition
	Approved with suggestions	

S.no.	Details of the Project	
97	Improving the Control of Hypertension In Rural India (CHIRI): Overcoming barriers to diagnosis and effective treatment	
	Principal Investigator Prof. K R Thankappan Professor & Head Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Trivandrum-695011	Funded by National Health and Medical Research Council (NHMRC), Australia under Global Alliance for Chronic Diseases (GACD) Grant Date of approval September 16, 2013 Total Budget Rs 3,52,15,407 Duration 36 Months Subject Area Cardiovascular Diseases
98	Testing study: Therapeutic evaluation of steroids in IgA Nephropathy Global Study	
	Principal Investigator Prof. Vivekananda Jha Executive Director The George Institute for Global Health-India Office, 839 C Road No.44A, Jubilee Hills, Hyderabad-500033	Funded by National Health and Medical Research Council (NHMRC), Australia Date of approval June 11, 2014 Total Budget Rs 5,72,11,000 Duration 96 Months Subject Area Nephrology
	Approved only for 6 centers (out of 12) with conditions	
99	Longitudinal ageing study in India (LASI)	
	Principal Investigator Prof. P Arokiasamy Professor International Institute for Population Sciences, Govandi Station Road, Deonar, Mumbai-400088	Funded by National Institute of Health (NIH), USA and United Nations Population Fund (UNFPA) and MOHFW, GOI Date of approval December 09, 2013 Total Budget Rs 92,17,97,313 Duration 60 Months Subject Area Geriatrics
	Approved with conditions	

S.no.	Details of the Project	
100	Center for the study of complex malaria in India - clinical and immunological investigations of cerebral malaria pathogenesis in patients from Ispat General Hospital, Rourkela, Orissa	
	Principal Investigator Dr. Sanjib Mohanty Joint Director Ispat General Hospital, Sector 19, Rourkela-769005	Funded by National Institutes of Health (NIH), USA Date of approval March 08, 2013 Total Budget Rs 2,60,00,000 Duration 60 Months Subject Area Malaria
	Approved with suggestion	
101	Early childhood development for the poor: Impacting at scale	
	Principal Investigator Dr. Smriti Pahwa Team Leader Health Division Pratham Education Foundation – ASER Centre, B-4/58, 2nd Floor, Safdarjung Enclave, New Delhi-110029	Funded by National Institutes of Health (NIH), USA Date of approval March 08, 2013 Total Budget Rs 12,21,44,780 Duration 60 Months Subject Area Child Health
102	P1078 TB APPRISE, A phase IV randomized double – blind placebo controlled trial to evaluate the safety of immediate (antepartum initiated) versus deferred (postpartum initiated) isoniazid preventive therapy among HIV infected women in high TB incidence settings, “TB APPRISE” stands for TB Ante vs. Postpartum Prevention with INH in HIV Seropositive mothers and their Exposed infants.	
	Principal Investigator Dr. Ramesh Bhosale Professor & Head B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health (NIH), USA Date of approval March 08, 2013 Total Budget Rs 24,67,925 Duration 12 Months Subject Area HIV/ Tuberculosis
	Approved with condition	

S.no.	Details of the Project	
103	ACTG 5288 Management Using the Latest Technologies in Resource-limited Settings to Optimize Combination Therapy After Viral Failure (MULTI-OCTAVE)	
	<p>Principal Investigator Dr. M Ghate National AIDS Research Institute (NARI), G-73 Bhosari Industrial Estate, Bhosari, Pune-411026</p> <p>Dr. N. Kumarasamy, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai- 600113 &</p> <p>Dr. Ajay Chandanwale, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health (NIH), USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 2,25,83,958</p> <p>Duration 60 Months</p> <p>Subject Area HIV/AIDS/ STD</p>
	Final approval by Chairman, HMSC on 18 th July, 2014 and endorsed in HMSC meeting held on 9 th September, 2014	
104	Evaluation of a novel neuro-plasticity based training program to remediate cognitive control deficits in Attention-Deficit/Hyperactivity Disorder (ADHD)	
	<p>Principal Investigator Dr. Rajesh Sagar Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by National Institutes of Health (NIH), USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 4,25,000</p> <p>Duration 10 Months</p> <p>Subject Area Mental Health</p>
105	International Evaluation of Radiotherapy Technology Effectiveness in Cervical Cancer (INTERTECC): Phase II/III clinical trial of intensity modulated radiation therapy with concurrent cisplatin for stage I-IV A cervical carcinoma	
	<p>Principal Investigator Dr. Umesh Mahantshetty Associate Professor Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai- 400012</p>	<p>Funded by National Institutes of Health (NIH), USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 1,81,97,945</p> <p>Duration 60 Months</p> <p>Subject Area Oncology</p>
	Approved with conditions	

S.no.	Details of the Project	
106	International Study of Comparative Health Effectiveness with Medical and Invasive Approaches (ISCHEMIA)	
	Principal Investigator Dr. Balaram Bhargava Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by National Institutes of Health (NIH), USA Date of approval June 06, 2013 Total Budget Rs 16,90,43,000 for 1000 patients Duration 84 Months Subject Area Cardiovascular Diseases
	Approval by Chairman HMSC on 5 th June , 2014 for 6 out of 13 centers. Amended protocol endorsed by Committee during its meeting held on 11 th June, 2014	
107	Intestinal and milk glycan expression in restriction of neonatal rotavirus infection	
	Principal Investigator Dr. Gagandeep Kang Professor Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by National Institutes of Health (NIH), USA Date of approval June 06, 2013 Total Budget Rs 3,35,384 Duration 48 Months Subject Area Gastroenterology
108	Maternal one carbon metabolism and low birth weight infant	
	Principal Investigator Prof. Chittaranjan S Yajnik Professor KEM Hospital & Research Centre,6th Floor, Banco Coyaji Building, Rasta Peth, Pune-411011	Funded by National Institutes of Health (NIH), USA Date of approval June 06, 2013 Total Budget Rs 57,00,899 Duration 24 Months Subject Area Reproductive Health
	Approved with condition	

S.no.	Details of the Project	
109	Understanding delays in breast cancer diagnosis and treatment of the study in India	
	Principal Investigator Dr. Arun Shet Professor St. Johns Research Institute, St. Johns National Academy of Health Sciences Opposite B.D.A. Complex, Koramangala, Bangalore-500065	Funded by National Institutes of Health (NIH), USA Date of approval June 06, 2013 Total Budget Rs 18,47,530 Duration 24 Months Subject Area Oncology
110	Collaborative care for depression and diabetes in India	
	Principal Investigator Dr. V Mohan Director Madras Diabetes Research Foundation, No-4, Conran Smith Road, Gopalapuram, Chennai-600086	Funded by National Institutes of Health (NIH), USA Date of approval September 16, 2013 Total Budget Rs 4,98,06,029 Duration 36 Months Subject Area Diabetes
	Approved with condition	
111	Nutrition and oral clefts in India: planning grant	
	Principal Investigator Dr. Jyotsna Murthy Professor Sri Ramachandra University , No1 Ramachandra Nagar, Porur, Chennai-600116	Funded by National Institutes of Health (NIH), USA Date of approval September 16, 2013 Total Budget Rs 10,73,358 Duration 7 Months Subject Area Nutrition

S.no.	Details of the Project	
112	Preventing depression in later life: a model for low and middle income countries	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel Professor Sangath Centre, 841/1 Alto Porvorim, Goa-403521</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 1,18,60,219</p> <p>Duration 36 Months</p> <p>Subject Area Mental Health</p>
113	Whole genome sequencing for understanding TB transmission and evolution of drug resistant mutations in South India	
	<p>Principal Investigator</p> <p>Dr. Sujatha Narayanan Scientist F National Institute for Research in Tuberculosis (NIRT), No. 1, Sathyamoorthy Road, Chetpet, Chennai-600031</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 16, 2013</p> <p>Total Budget None</p> <p>Duration 12 Months</p> <p>Subject Area Tuberculosis</p>
	No funding will be received by NIRT	
114	Administrative supplements for health impacts of household air pollution on women's health and child survival	
	<p>Principal Investigator</p> <p>Dr. Archana Patel CEO & Vice President Lata Medical Research Foundation, Kinkini Kutir, Vasant Nagar, Nagpur-440022</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 99,70,344</p> <p>Duration 12 Months</p> <p>Subject Area Environmental Health</p>

S.no.	Details of the Project	
115	Improving mental health through integration with primary care in rural Karnataka	
	<p>Principal Investigator</p> <p>Dr. Krishnamachari Srinivasan Dean St. Johns Research Institute, St. Johns National Academy of Health Sciences Opposite B.D.A. Complex, Koramangala, Bangalore-500065</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 5,82,29,298</p> <p>Duration 60 Months</p> <p>Subject Area Mental Health</p>
116	Multicenter studies to improve diagnosis and treatment of pediatric candidiasis	
	<p>Principal Investigator</p> <p>Dr. Arunaloke Chakrabarti Professor and Head Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 7,37,500</p> <p>Duration 48 Months</p> <p>Subject Area Mycology</p>
117	SHARE: South Asian Hub for Advocacy, Research and Education in mental health – Thinking Healthy Program for Peer delivery (SHARE-THPP)	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel Chairperson Sangath Centre, 841/1 Alto Porvorim, Goa-403521</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 1, 55, 12,787</p> <p>Duration 36 Months</p> <p>Subject Area Mental Health</p>

S.no.	Details of the Project	
118	Tufts- CMC framework program for global health innovation	
	<p>Principal Investigator</p> <p>Dr. Gagandeep Kang Professor & Head Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 6,17,808</p> <p>Duration 60 Months</p> <p>Subject Area Field Epidemiology Training Programme</p>
119	Exploring respiratory health outcomes from sustained use of efficient cook-stoves: A pilot cluster randomized trial in rural households of Andhra Pradesh and Karnataka	
	<p>Principal Investigator</p> <p>Dr. Priscilla Johnson Professor Sri Ramachandra University , No1 Ramachandra Nagar, Porur, Chennai-600116</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 54,94,590</p> <p>Duration 24 Months</p> <p>Subject Area Respiratory Health</p>
	<p>*R-21 Grant of NIH to US PI. The HMSC noted and approved the clarifications submitted by PI in its meeting on 11th June, 2014</p>	
120	Tobacco-free teachers: pilot study to assess program adoption in schools in India	
	<p>Principal Investigator</p> <p>Dr. Prakash C Gupta Director Healis-Sekhsaria Institute for Public Health, 601/B, Great Eastern Chambers, Plot No. 28, Sector-11, CBD Belapur, Navi Mumbai-400614</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 53, 91,468</p> <p>Duration 12 Months</p> <p>Subject Area Public Health</p>

S.no.	Details of the Project	
121	Acute coronary syndrome quality improvement in Kerala (ACS QUIK)	
	Principal Investigator Prof. Dorairaj Prabhakaran Executive Director Center for Chronic Disease Control(CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi -110016	Funded by National Institutes of Health (NIH), USA Date of approval June 11, 2014 Total Budget Rs 2,29,91,976 Duration 60 Months Subject Area Cardiovascular Diseases
Approved for total 63 participating sites (18 participating sites approved in HMSC meeting held on 8 th December, 2014)		
122	Assessing and Addressing heat – health, vulnerability in Ahmadabad, India	
	Principal Investigator Prof. Dileep Malvankar Director Indian Institute of Public Health, Gandhinagar, Sardar Patel Institute Campus, Drive-in Road, Thaltej, Ahmadabad – 380 054	Funded by National Institutes of Health (NIH), USA Date of approval June 11, 2014 Total Budget Rs 60,72,000 Duration 24 Months Subject Area Environmental Health
Approved only for 6 centres		
123	CARRS Translation Trial: Implementation quality improvement strategies in diabetes	
	Principal Investigator Prof. Nikhil Tandon Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by National Institutes of Health (NIH), USA Date of approval June 11, 2014 Total Budget Rs 7,34,04,829 Duration 60 Months Subject Area Cardiovascular Diseases
Approved only for 2 (out of 7) participating sites		

S.no.	Details of the Project	
124	Fostering resilience to psychosocial and HIV risk in Indian MSM	
	<p>Principal Investigator</p> <p>Dr. Beena Thomas Scientist B</p> <p>National Institute for Research in Tuberculosis (NIRT), No. 1, Sathyamoorthy Road, Chetpet, Chennai-600031</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 5,18,29,980</p> <p>Duration 24 Months</p> <p>Subject Area HIV/AIDS/ STD</p>
	Approved with suggestions	
125	Innovative platforms for antimicrobial therapy and vaccine development	
	<p>Principal Investigator</p> <p>Dr. Vijay Jagdale Director</p> <p>Sai Life Sciences Pvt. Ltd., Building 1, Plot 2, Chrysalis Enclave, International Biotech Park, Phase II, Hinjewadi, Pune - 411057</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 10,551,900</p> <p>Duration 60 Months</p> <p>Subject Area Anti Microbial Research</p>
	The Committee during its meeting on 9 th September, 2014 agreed that the Institutional Animal Ethics Committee (duly approved as per GOI norms) should monitor and submit the updates related to each project to ICMR	
126	Integrating HIV and depression, self-care to improve adherence in perinatal women	
	<p>Principal Investigator</p> <p>Dr. Avina Sarna Country Director</p> <p>Population Council, South & East Asia- Regional Office, Zone 5 A Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 92,41,250</p> <p>Duration 24 Months</p> <p>Subject Area HIV/AIDS/ STD</p>
	Approved with suggestions	

S.no.	Details of the Project	
127	Cross-fertilized research training for new investigators in Egypt and India: Chronic, Non-Communicable Diseases and Disorders Across the Lifespan: Fogarty International Research Training Award (NCD-LIFE SPAN)	
	<p>Principal Investigator</p> <p>Prof. Smita N. Deshpande Head, Consultant & Professor Dr. Ram Manohar Lohia Hospital, Baba Kharak Singh Marg, Connaught Place Near Gurudwara Bangla Sahib, New Delhi 110011</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 2,27,63,693</p> <p>Duration 60 Months</p> <p>Subject Area Mental Health</p>
	Approved with conditions	
128	Primary prevention of intimate partner violence in India	
	<p>Principal Investigator</p> <p>Dr. Seema Sahay Scientist E National AIDS Research Institute (NARI), G-73 Bhosari Industrial Estate, Bhosari, Pune-411026</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 67,55,120</p> <p>Duration 60 Months</p> <p>Subject Area HIV/AIDS/ STD</p>
	Approved with conditions	
129	MALT-1 inhibitors for the treatment of chemo-resistant ABC-DLBCL	
	<p>Principal Investigator</p> <p>Dr. Vijay Jagdale Director Sai Life Sciences Pvt. Ltd., Phase - II Hinjewadi, Pune - 411 057</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 78,78,000</p> <p>Duration 60 Months</p> <p>Subject Area Oncology</p>
	Approved with conditions	

S.no.	Details of the Project	
130	Approaches and Decisions for Acute Pediatric TBI (ADAPT)	
	<p>Principal Investigator</p> <p>Dr. Deepak Gupta Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 17, 2015</p> <p>Total Budget Rs 2, 04, 35,800</p> <p>Duration 60 Months</p> <p>Subject Area Neurosciences</p>
131	Asian Sudden Cardiac Death in Heart Failure (ASIAN-HF) prospective observational study	
	<p>Principal Investigator</p> <p>Dr. Ajay Bahl Associate Professor Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>National University of Health Sciences, Singapore</p> <p>Date of approval March 08, 2013</p> <p>Total Budget Rs 12, 99,300</p> <p>Duration 60 Months</p> <p>Subject Area Cardiovascular Diseases</p>
	PI informed ICMR on 8 th August, 2013 that PGIMER, Chandigarh has discontinued as study site & it will not participate in the study	
132	Development of a peptidomic rapid point - of - care TB diagnostic	
	<p>Principal Investigator</p> <p>Dr. Digamber Behera Professor Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>New York University Langone Medical Centre/ TB Biosciences, USA</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 33, 01,685</p> <p>Duration 12 Months</p> <p>Subject Area Tuberculosis</p>

S.no.	Details of the Project	
133	A multicenter randomized study of the efficacy and safety of NVC-422 ophthalmic solution for the treatment of adenoviral conjunctivitis	
	<p>Principal Investigator</p> <p>Dr. Pankaj Gupta Assistant Professor Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>NovaBay Pharmaceuticals, Inc., USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 74,470</p> <p>Duration 12 Months</p> <p>Subject Area Ophthalmology</p>
Approved with conditions		
134	A multicenter randomized study of the efficacy and safety of NVC-422 ophthalmic solution for the treatment of adenoviral conjunctivitis	
	<p>Principal Investigator</p> <p>Dr. Radhika Tandon Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>NovaBay Pharmaceuticals, Inc., USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 74,470</p> <p>Duration 12 Months</p> <p>Subject Area Ophthalmology</p>
Approved with conditions		
135	Prospective cohort study of the pathways of care and outcomes for older people with hip fractures in India: A pilot study	
	<p>Principal Investigator</p> <p>Dr. A.K. Jain Professor University College of Medical Sciences, Dilshad Garden, Delhi - 110095</p>	<p>Funded by</p> <p>Nuffield School of Public Health, University of Oxford, UK</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 22,73,025</p> <p>Duration 12 Months</p> <p>Subject Area Orthopedics</p>
Approved for UCMS, Delhi only		

S.no.	Details of the Project	
136	Injury mechanisms in blast and blunt TBI-a comparative study based on clinical data and numerical analysis	
	Principal Investigator Prof. S S Kale Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Office of Science & Technology, Office of Naval Research Global (ONRG), USA Date of approval May 19, 2015 Total Budget Rs 26,04,000 Duration 12 Months Subject Area Neurosciences
	Approved with conditions	
137	A phase II / III, multi-center, randomized, controlled study to compare the efficacy and safety of Gemcitabine alone vs. ON 01910.Na combined with Gemcitabine in patients with previously untreated metastatic pancreatic cancer	
	Principal Investigator Dr. Atul Sharma Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by Onconova Therapeutics, Inc., USA Date of approval March 08, 2013 Total Budget Rs 1,30,000 Duration 24 Months Subject Area Oncology
	PI informed regarding his inability to conduct the study at AIIMS	
138	A multinational study of the Epidemiology, Treatment and Outcome of Childhood Arthritis (EPOCA)	
	Principal Investigator Dr. Sujata Sawhney Senior Consultant (Pediatric Rheumatology) Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060	Funded by Paediatric Rheumatology International Trials Organization (PRINTO), Italy Date of approval September 16, 2013 Total Budget Rs 1,42,000 Duration 6 Months Subject Area Child Health

S.no.	Details of the Project	
139	Inter-CHF Study	
	<p>Principal Investigator</p> <p>Dr. Ambuj Roy Associate Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>Population Health Research Institute (PHRI), Canada (Grant-in-Aid from Novartis)</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 16,00,000</p> <p>Duration 24 Months</p> <p>Subject Area Cardiovascular Diseases</p>
	Approved for 11 centers only (out of 12) with conditions	
140	Assessment of user-friendly product presentation for amoxicillin dispersible tablets in the treatment of childhood pneumonia in low-resource settings	
	<p>Principal Investigator</p> <p>Dr. Manoja Kumar Das Director Projects The INCLEN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020</p>	<p>Funded by</p> <p>Program for Appropriate Technology in Health (PATH), USA (PATH funded by UNICEF)</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 10,43,250</p> <p>Duration 5 Months</p> <p>Subject Area Child Health</p>
141	A phase IV, non-inferiority, observer blind randomized clinical study comparing safety and immunogenicity of DTP-HB-Hib vaccination by disposable syringe jet injector to vaccination by needle and syringe in healthy infants in India	
	<p>Principal Investigator</p> <p>Dr. Prasad Kulkarni Medical Director Serum Institute of India Ltd., No. 212/2, Soli Poonwala Road, Hadapsar, Pune - 411028</p>	<p>Funded by</p> <p>Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 1,15,08,730</p> <p>Duration 12 Months</p> <p>Subject Area Vaccine Development</p>
	Final approval by Chairman, HMSC on 20 th June, 2014, endorsed by HMSC in its meeting held on 9 th September, 2014	

S.no.	Details of the Project	
142	A Phase-IV, non-inferiority observer blind, randomized clinical study comparing safety and Immunogenicity of Measles-Mumps-Rubella (MMR) subcutaneous vaccination by disposable syringe jet injector to vaccination by needle and syringe for the administration in healthy children in India aged 15-18 months	
	Principal Investigator Dr. Prasad Kulkarni Medical Director Serum Institute of India Ltd., No. 212/2, Soli Poonwala Road, Hadapsar, Pune - 411028	Funded by Program for Appropriate Technology in Health (PATH), USA Date of approval September 09, 2014 Total Budget Rs 82,46,570 Duration 12 Months Subject Area Vaccine Development
	Final approved by chairman on 11 th April, 2014, endorsed by HMSC on 9 th September, 2014	
143	"Phase III, multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of live attenuated Bovine-human Rotavirus Reassortant Pentavalent Vaccine (BRV-PV) against severe rotavirus gastroenteritis in healthy Indian infants	
	Principal Investigator Dr. B.S Garg Dean Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha-442102	Funded by Program for Appropriate Technology in Health (PATH), USA through Bill and Melinda Gate Foundation, USA Date of approval June 11, 2014 Total Budget Rs 1,15,08,730 Duration 36 Months Subject Area Vaccine Development
	Center for Health Research and Development(CHRD), Society for Applied Studies(SAS) added as new study site and endorsed by HMSC in its meeting held on 16 th September, 2015	
144	Prospective dengue seroprevalence study in 5 to 10 year old children in India	
	Principal Investigator Dr. Suneela Garg Director Maulana Azad Medical College, Bahadur Shah Zafar Marg, New Delhi-110002	Funded by Sanofi Pasteur, France Date of approval June 06, 2013 Total Budget Rs 78,83,000 Duration 18 Months Subject Area Dengue

S.no.	Details of the Project	
145	Proof of concept study to assess the safety, acceptability (provider satisfaction, consumer comfort) and feasibility of PPIUCD inserter	
	<p>Principal Investigator</p> <p>Dr. Sharad Singh Investigator</p> <p>Population Services International, C-445, Chittranjan Park, New Delhi - 110 019</p>	<p>Funded by</p> <p>SLAB – a partnership of USAID, Bill and Melinda Gates Foundation, Grand Challenges Canada, UKaid and Norwegian Ministry of Foreign Affairs</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 5,00,000</p> <p>Duration 6 Months</p> <p>Subject Area Reproductive Health</p>
	Approved with conditions	
146	Pilot study – Understanding community associated gram-negative bacterial antimicrobial resistance	
	<p>Principal Investigator</p> <p>Prof. K Nagmani Professor</p> <p>Gandhi Medical College, Musheerabad, Secunderabad, Telangana- 500025</p>	<p>Funded by</p> <p>Stanford University, USA</p> <p>Date of approval April 17, 2015</p> <p>Total Budget Rs 5,97,746</p> <p>Duration 8 Months</p> <p>Subject Area Anti Microbial Research</p>
147	Improved access to safe abortion at primary care settings in Rajasthan, India	
	<p>Principal Investigator</p> <p>Dr. Kirti Iyengar Senior Programme Co-ordinator</p> <p>Action Research and Training for Health (ARTH), 772, Fatehpura, Udaipur - 313001</p>	<p>Funded by</p> <p>Swedish International Development Cooperation Agency (SIDA), Sweden</p> <p>Date of approval March 08, 2013</p> <p>Total Budget Rs 71,91,180</p> <p>Duration 24 Months</p> <p>Subject Area Reproductive Health</p>
	Approved with conditions	

S.no.	Details of the Project	
148	Study on genotype and phenotype of Indian patients with Idiopathic Hypogonadotropic Hypogonadism (IHH)	
	Principal Investigator Dr. Nalini S Shah Professor & Head Seth G.S. Medical College & KEM Hospital, Parel, Mumbai - 400 012	Funded by Swiss National Fund, National Institutes of Health (NIH), USA Date of approval September 16, 2013 Total Budget Rs 50,48,040 Duration 36 Months Subject Area Endocrinology
	Approved with condition	
149	TEXT messages to improve MEDication adherence and Secondary prevention (TEXT MEDS)	
	Principal Investigator Dr. G Karthikeyan Additional Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by The George Institute for Global Health, Australia Date of approval December 09, 2013 Total Budget Rs 11,00,000 Duration 24 Months Subject Area Cardiovascular Diseases
	Approved with condition	
150	Establishment of a WHO – recognized laboratory for quality assurance of malaria RDTs	
	Principal Investigator Dr. Anup Anvikar Scientist D National Institute of Malaria Research(NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by The Global Fund for AIDS, Tuberculosis and Malaria, USA through the National Vector Borne Disease Control Programme (NVBDCP), GoI Date of approval June 06, 2013 Total Budget Rs 24,06,800 Duration 42 Months Subject Area Malaria
	The funding agency will route the funding through Caritas India, which is the civil society partner supporting the IMCP-II programme of NVBDCP directly approved by HMSC on 9 th December, 2013	

S.no.	Details of the Project	
151	Evaluation of the effect of maternal B12 supplementation on neuro-cognitive and neurophysiological outcomes in children	
	<p>Principal Investigator</p> <p>Dr. Krishnamachari Srinivasan Dean St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>The Research Council of Norway, Norway</p> <p>Date of approval May 19, 2015</p> <p>Total Budget Rs 2,23,85,532</p> <p>Duration 36 Months</p> <p>Subject Area Nutrition</p>
	Approved with suggestions	
152	Clindamycin to reduce preterm birth in a low resource setting: A randomized placebo-controlled trial	
	<p>Principal Investigator</p> <p>Dr. M. B. Bellad Professor Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by</p> <p>Thrasher Research Fund, USA</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 1,49,92,488</p> <p>Duration 30 Months</p> <p>Subject Area Reproductive Health</p>
	Approved with condition	
153	International obesity consortium pilot study of cross-sectional predictors of body mass index	
	<p>Principal Investigator</p> <p>Dr. Rebecca Kuriyan Raj Associate Professor St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034</p>	<p>Funded by</p> <p>Tufts University, USA</p> <p>Date of approval March 17, 2015</p> <p>Total Budget None</p> <p>Duration 18 Months</p> <p>Subject Area Life Style Diseases</p>
	Final approval by HMSC on 3 rd July, 2015 subject to the revision of original protocol in accordance with the clarifications by PI,	

S.no.	Details of the Project	
154	Research on nephrotic syndrome	
	<p>Principal Investigator</p> <p>Dr. Arvind Bagga Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>UK-India Education and Research Initiative (UKIERI), UK</p> <p>Date of approval March 08, 2013</p> <p>Total Budget Rs 33,68,421</p> <p>Duration 24 Months</p> <p>Subject Area Nephrology</p>
	Approved with suggestion	
155	Towards a sustainable resource in stroke genetics from the four corners of India: the 4i study	
	<p>Principal Investigator</p> <p>Dr. Kameshwar Prasad Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>UK-India Education and Research Initiative (UKIERI), UK</p> <p>Date of approval June 06, 2013</p> <p>Total Budget Rs 2,75,600</p> <p>Duration 24 Months</p> <p>Subject Area Neurology</p>
156	Development of a bacteriophage-based bio-control technology for the treatment of cholera	
	<p>Principal Investigator</p> <p>Dr. B L Sarkar Scientist E National Institute of Cholera and Enteric Diseases(NICED), P-33, CIT Road, Scheme XM, Belegkata, Kolkata-700010</p>	<p>Funded by</p> <p>UK-India Education and Research Initiative (UKIERI), UK(through DST)</p> <p>Date of approval September 16, 2013</p> <p>Total Budget Rs 14,00,000</p> <p>Duration 24 Months</p> <p>Subject Area Biotechnology</p>

S.no.	Details of the Project	
157	Saving newborn lives in Uttar Pradesh through improved management of birth asphyxia: baseline survey	
	<p>Principal Investigator</p> <p>Dr. Manoja Kumar Das Director Projects The INCLIN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020</p>	<p>Funded by</p> <p>United States Agency for International Development (USAID)/ Save the Children</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 33,44,330</p> <p>Duration 4 Months</p> <p>Subject Area Child Health</p>
158	Effect of PAIN OUT feedback in improving the post-operative acute pain management	
	<p>Principal Investigator</p> <p>Dr. Babita Ghai Additional Professor Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012</p>	<p>Funded by</p> <p>University Hospital Jena, Jena, Germany</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 82,000</p> <p>Duration 12 Months</p> <p>Subject Area Neurology</p>
159	Oral antihypertensive regimens for management of hypertension in pregnancy: a randomized trial comparing nifedipine, labetalol and methyldopa	
	<p>Principal Investigator</p> <p>Dr. Shuchita Mundle Associate Professor Government Medical College, Near Hanuman Nagar, Nagpur-440009</p>	<p>Funded by</p> <p>University of British Columbia, Canada (grantee of Bill and Melinda Gates Foundation)</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 30,40,000</p> <p>Duration 22 Months</p> <p>Subject Area Reproductive Health</p>
	Approved with conditions	

S.no.	Details of the Project	
160	ROCK ON: Remediation of Cognition in Kids to Overcome Neglect	
	<p>Principal Investigator</p> <p>Dr. Rajesh Sagar Professor All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029</p>	<p>Funded by</p> <p>University of California, USA</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 16,34,987</p> <p>Duration 12 Months</p> <p>Subject Area Mental Health</p>
161	Measuring education outcomes, food availability and geographic location in the on-going observational Pune maternal nutrition study	
	<p>Principal Investigator</p> <p>Prof. Chittaranjan S Yajnik Professor KEM Hospital & Research Centre,6th Floor, Banco Coyaji Building, Rasta Peth, Pune-411011</p>	<p>Funded by</p> <p>University of Cambridge, UK</p> <p>Date of approval April 17, 2015</p> <p>Total Budget None</p> <p>Duration 24 Months</p> <p>Subject Area Nutrition</p>
162	Measuring physical activity in the on-going observational Pune maternal nutrition study	
	<p>Principal Investigator</p> <p>Prof. Chittaranjan S Yajnik Professor KEM Hospital & Research Centre,6th Floor, Banco Coyaji Building, Rasta Peth, Pune-411011</p>	<p>Funded by</p> <p>University College, London, UK</p> <p>Date of approval April 17, 2015</p> <p>Total Budget None</p> <p>Duration 24 Months</p> <p>Subject Area Nutrition</p>

S.no.	Details of the Project	
163	The International Fetal and Newborn Growth Standards for the 21st Century "INTERGROWTH-21st "Post Natal Infant Follow Up Study (PIFS) with added component Neurodevelopment Assessment at 2 years (NDA)	
	<p>Principal Investigator</p> <p>Dr. Manorama Purwar Ex. Professor (O&G) Government Medical College, B-302, Neelgagan Housing Society, Dhantoli, Nagpur-440012</p>	<p>Funded by</p> <p>University of Oxford, UK</p> <p>Date of approval September 16, 2013</p> <p>Total Budget None</p> <p>Duration 24 Months</p> <p>Subject Area Reproductive Health</p>
164	Effect of maternal anaemia on pregnancy outcomes: a cohort study in Assam, India	
	<p>Principal Investigator</p> <p>Prof. Manoj Kumar Choudhury Registrar Srimanta Sankaradeva University of Health Sciences, Narakasur Hilltop, Bhangagarh, Guwahati - 781032</p>	<p>Funded by</p> <p>University of Oxford, UK</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 5,80,000</p> <p>Duration 12 Months</p> <p>Subject Area Reproductive Health</p>
165	Patients decisional control preferences in the palliative care setting: A multi-center survey	
	<p>Principal Investigator</p> <p>Dr. M A Muckaden Professor and Head Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012</p>	<p>Funded by</p> <p>University of Texas, USA</p> <p>Date of approval June 10, 2015</p> <p>Total Budget Rs 8,94,960</p> <p>Duration Months</p> <p>Subject Area Oncology</p>

S.no.	Details of the Project	
166	To study the impact of nutritional intervention in delaying the progression of cachexia to refractory cachexia in female cancer patients	
	Principal Investigator Dr. Sushma Bhatnagar Head All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	Funded by University of Westminster, UK Date of approval September 16, 2013 Total Budget Rs 1,20,000 Duration 60 Months Subject Area Oncology
167	Prostate Specimen analysis - Lymph node positive multifocal disease	
	Principal Investigator Dr. Rajesh K Ahlawat Chairman Medanta Kidney & Urology Institute, Medanta, the Medicity, Setor - 38, Gurgaon-122001	Funded by USC Norris Cancer Hospital, USA Date of approval March 17, 2015 Total Budget None Duration 3 Months Subject Area Oncology
	Conditional Approval	
168	Insecticide Quantification Kits (IQK) for vector control programme in India	
	Principal Investigator Dr. Pradeep Das Director Rajendra Memorial Research Institute of Medical Sciences(RMRIMS), Agam-kuan, Patna-800007	Funded by Wellcome Trust, UK Date of approval June 06, 2013 Total Budget Rs 3,09,26,420 Duration 42 Months Subject Area Vector Control

S.no.	Details of the Project	
169	m-WELLCARE: an integrated m-Health system for the prevention and care of chronic diseases	
	<p>Principal Investigator</p> <p>Prof. Dorairaj Prabhakaran Executive Director Center for Chronic Disease Control(CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi -110016</p>	<p>Funded by</p> <p>Wellcome Trust, UK</p> <p>Date of approval December 09, 2013</p> <p>Total Budget Rs 10,22,44,238</p> <p>Duration 36 Months</p> <p>Subject Area m-Health</p>
170	Biological and social mechanisms of cardiovascular disease in a transitional rural community in India: Andhra Pradesh Children and Parents Study (APCAPS)	
	<p>Principal Investigator</p> <p>Dr. G V S Murthy Director Indian Institute of Public Health-Hyderabad (PHFI), ANV Arcade, 1 Amar Co-operative Society, Kavuri Hills, Madhapur, Hyderabad-500033</p>	<p>Funded by</p> <p>Wellcome Trust, UK</p> <p>Date of approval March 10, 2014</p> <p>Total Budget Rs 14,09,20,479</p> <p>Duration 60 Months</p> <p>Subject Area Cardiovascular Diseases</p>
171	SPRING: Sustainable Programme Incorporating Nutrition & Games for maximizing development, growth & survival	
	<p>Principal Investigator</p> <p>Dr. Gauri Divan Site Principal Investigator Sangath, H No 451 (168), Bhatkar Waddo, Socorro, Porvorim, Bardez, Goa 403501</p>	<p>Funded by</p> <p>Wellcome Trust, UK</p> <p>Date of approval June 11, 2014</p> <p>Total Budget Rs 7,92,98,964</p> <p>Duration 48 Months</p> <p>Subject Area Nutrition</p>
	Approved with suggestions	

S.no.	Details of the Project	
172	Large - scale (Phase III) evaluation of efficacy, fabric integrity and community acceptability of Olyset Plus long-lasting insecticidal nets compared with Olyset Net in India	
	Principal Investigator Dr. K Raghavendra Scientist E National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by World Health Organization(WHO) Date of approval March 08, 2013 Total Budget Rs 40,00,000 Duration 36 Months Subject Area Malaria
173	Large-scale (Phase III) evaluation of efficacy, fabric integrity and community acceptability of Perma Net 3.0 long-lasting insecticidal nets compared with Perma Net 2.0 in India	
	Principal Investigator Dr. H C Srivastava Scientist E National Institute of Malaria Research (NIMR), Field Station, Civil Hospital, Nadiad - 387001	Funded by World Health Organization (WHO) Date of approval March 08, 2013 Total Budget Rs 41,53,236 Duration 36 Months Subject Area Malaria
174	Monitoring the therapeutic efficacy of anti-malarial medicines across International borders of India	
	Principal Investigator Dr. Neelima Mishra Scientist D National Institute of Malaria Research(NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by World Health Organization (WHO) Date of approval June 06, 2013 Total Budget Rs 1,07,19,863 Duration 18 Months Subject Area Malaria
	Approved with condition	

S.no.	Details of the Project	
175	Efficacy and safety of Artemether-Lumefantrine (AL) combination therapy for the treatment of uncomplicated <i>Plasmodium falciparum</i> malaria in 4 sites in India: Anuppur district, Madhya Pradesh, Jhabua district, Madhya Pradesh, Bastar district, Chhattisgarh and Palamu district, Jharkhand	
	Principal Investigator Dr. Neeru Singh Director& Scientist G Regional Medical Research Centre for Tribals, Nagpur Road, Garha, Jabalpur- 482003	Funded by World Health Organization (WHO) Date of approval June 11, 2014 Total Budget Rs 69,35,560 Duration 12 Months Subject Area Malaria
176	Field testing and evaluation of the efficacy of Altocid XRG (s-methoprene) an insect growth regulator, as a mosquito larvicide in Bengaluru, India	
	Principal Investigator Dr. U Sreehari Scientist C National Institute of Malaria Research (NIMR) Field Unit, Nirmal Bhawan - ICMR Complex (II Floor), Poojanahalli Road, Kannamangala Post, Bangalore – 562110	Funded by World Health Organization (WHO) Date of approval June 11, 2014 Total Budget Rs 11,28,425 Duration 9 Months Subject Area Malaria
	The termination of study was approved by Chairman, HMSC on 16 th February, 2015 and endorsed in meeting held on 17 th April, 2015	
177	Field testing and evaluation of the efficacy of VectoMax FG as a mosquito larvicide in Goa, India	
	Principal Investigator Dr. Ashwani Kumar Scientist F National Institute of Malaria Research (ICMR), Field Station, Panaji, Goa-403001	Funded by World Health Organization (WHO) Date of approval June 11, 2014 Total Budget Rs 19,50,945 Duration 9 Months Subject Area Malaria

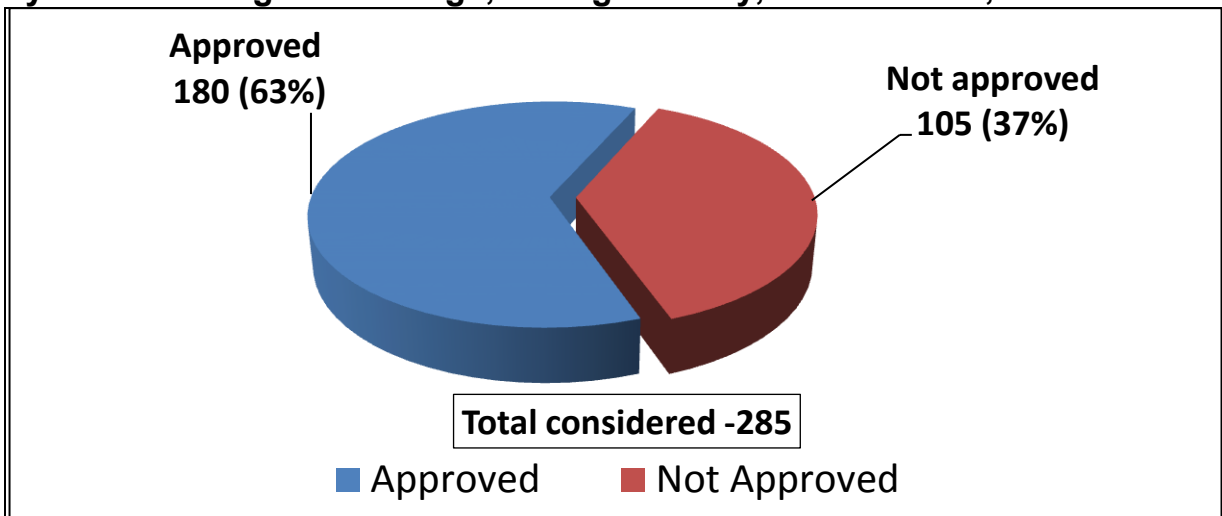
S.no.	Details of the Project	
178	Comparative evaluation of a new test strip against the currently available ICT for the detection of filarial antigenaemia in humans	
	<p>Principal Investigator</p> <p>Dr. P Jambulingam Director & Scientist G Vector Control Research Centre, Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by</p> <p>World Health Organization (WHO)</p> <p>Date of approval December 08, 2014</p> <p>Total Budget Rs 14,52,816</p> <p>Duration 3 Months</p> <p>Subject Area Filariasis</p>
179	Field testing and evaluation of the efficacy and duration of effectiveness of a biolarvicide, Bactivec SC (<i>Bacillus thuringiensis var isralensis SH-14</i>), in Bengaluru, India	
	<p>Principal Investigator</p> <p>Dr. U Sreehari Scientist C National Institute of Malaria Research (NIMR) Field Unit, Nirmal Bhawan - ICMR Complex (II Floor), Poojanahalli Road, Kannamangala Post, Bangalore – 562 110</p>	<p>Funded by</p> <p>World Health Organization Pesticide Evaluation Scheme (WHOPES)</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs. 8,90,738</p> <p>Duration 9 Months</p> <p>Subject Area Malaria</p>
180	Studies for determination of insecticide resistance mechanisms and sibling species composition in <i>Anopheles culicifacies</i> in districts of Chhattisgarh and in other congruent states, India and assessment of malaria infection in CHC, Keshkal district Kondagaon, Chhattisgarh	
	<p>Principal Investigator</p> <p>Dr. K Raghavendra Scientist F National Institute of Malaria Research(NIMR), Sector-8, Dwarka, New Delhi-110077</p>	<p>Funded by</p> <p>World Health Organization Pesticide Evaluation Scheme (WHOPES)</p> <p>Date of approval September 09, 2014</p> <p>Total Budget Rs 43,40,000</p> <p>Duration 24 Months</p> <p>Subject Area Malaria</p>

Facts & Figures

HMSC meetings held during January, 2013 to June, 2015 and projects considered/approved

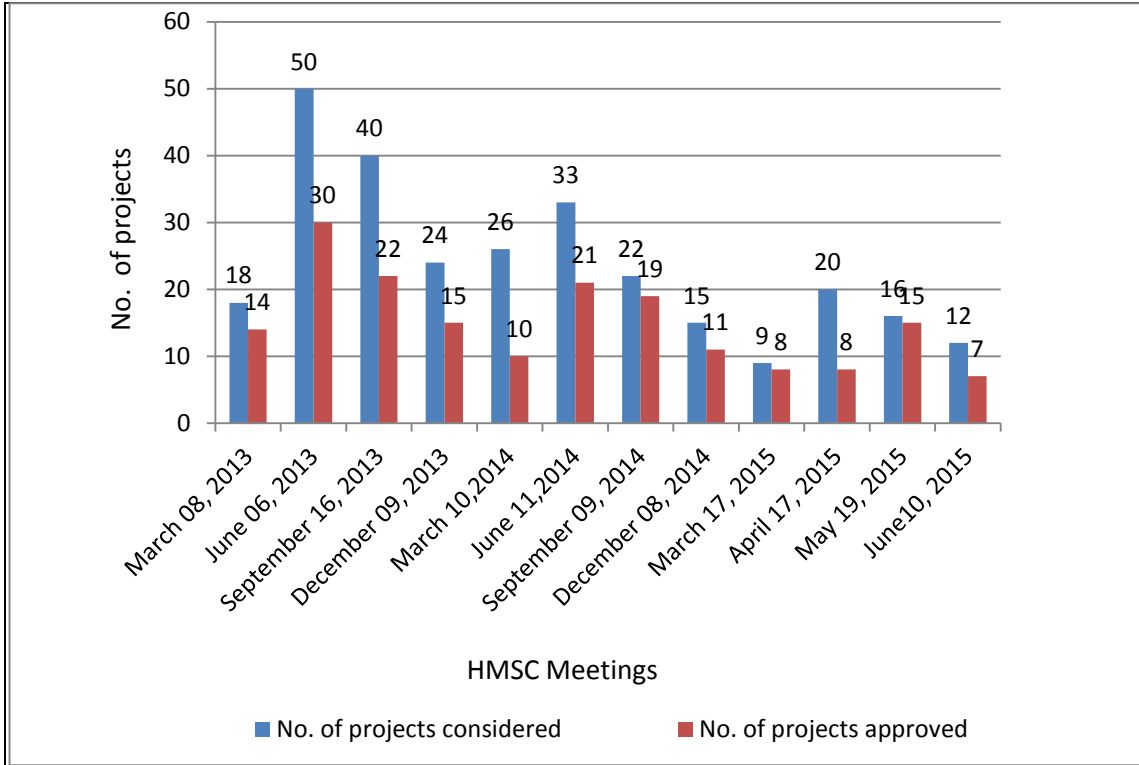
S. No.	Date of HMSC	No. of projects considered	No. of projects approved
1	March 08, 2013	18	14
2	June 06, 2013	50	30
3	September 16, 2013	40	22
4	December 09, 2013	24	15
5	March 10, 2014	26	10
6	June 11, 2014	33	21
7	September 09, 2014	22	19
8	December 08, 2014	15	11
9	March 17, 2015	9	8
10	April 17, 2015	20	8
11	May 19, 2015	16	15
12	June 10, 2015	12	7
Total		285	180

Number of international collaborative projects considered and approved by HMSC during its meetings, during January, 2013 to June, 2015

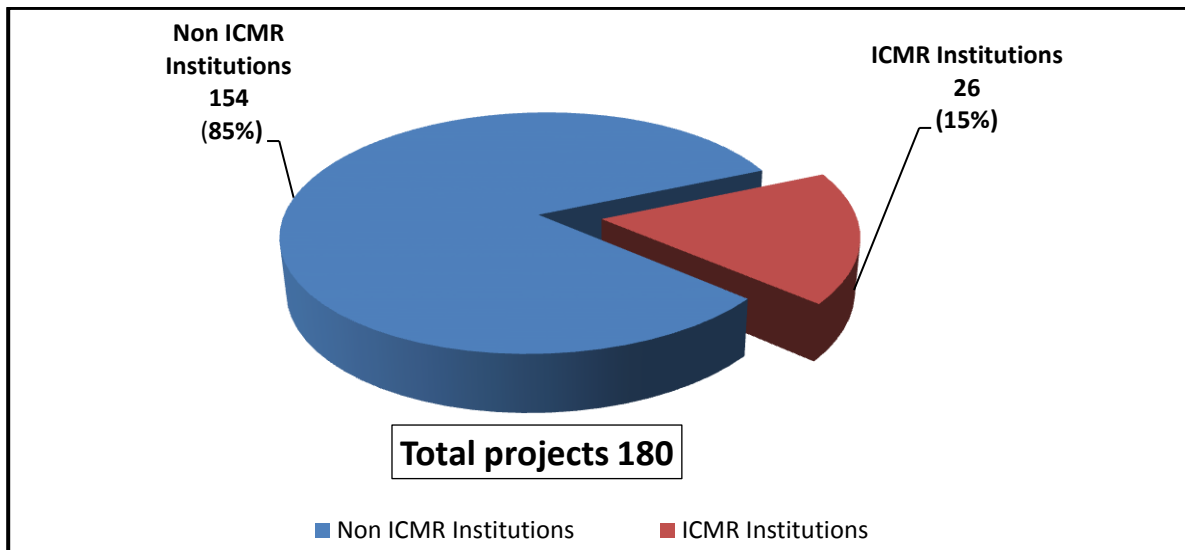


* Not approved includes (11) withdrawn and (29) deferred

Number of international collaborative projects considered and approved by HMSC during its meetings during January, 2013 to June, 2015



Number of international collaborative projects undertaken by ICMR and Non-ICMR Institutions during January, 2013 to June, 2015



ICMR institution wise representation of number of international collaborative projects undertaken during January, 2013 to June, 2015

S. No.	ICMR Institution	No. of projects approved
1	National Institute of Malaria Research(NIMR), Sector-8, Dwarka, New Delhi-110077 & field units	11
2	National AIDS Research Institute (NARI), G-73 Bhosari Industrial Estate, Bhosari, Pune-411026	3
3	National Institute of Immunohaematology(NII), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012	2
4	National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune-411001	2
5	National Institute for Research in Tuberculosis (NIRT), No. 1, Sathyamoorthy Road, Chetpet, Chennai-600031	2
6	Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007	2
7	Vector Control Research Centre (VCRC) Pondicherry Indira Nagar, Pondicherry-605006	2
8	National Institute of Cholera and Enteric Diseases(NICED), P-33, CIT Road, Scheme XM, Belegkata, Kolkata-700010	1
9	Regional Medical Research Centre for Tribals (RMRCT), Nagpur Road, Garha, Jabalpur- 482 003,	1
	Total international collaborative projects approved for ICMR institutions	26

Non - ICMR Institution wise representation of number of international collaborative projects undertaken during January, 2013 to June, 2015

S.No.	Indian Institution	No. of projects approved
1	All India Institute of Medical Sciences(AIIMS), Ansari Nagar, New Delhi - 110029	33
2	St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bengaluru-560034	11
3	Postgraduate Institute of Medical Education and Research, Sector-12, Chandigarh - 160012	9
4	Indian Institute of Public Health-Hyderabad (PHFI), Hyderabad- 500033, Ahmedabad - 380054 and New Delhi-110070	7
5	Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	6
6	The INCLEN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, Phase 1, New Delhi-110020	5
7	Government Medical College, B-302, Neelgagan Housing Society, Dhantoli, Nagpur-440012	4
8	Tata Memorial Hospital,Tata Memorial Centre, Parel, Mumbai-400012	4
9	KEM Hospital & Research Centre,6th Floor, Banco Coyaji Building, Rasta Peth, Pune-411011	3
10	Sangath Centre, 841/1 Alto Porvorim, Goa-403521	3
11	Sri Ramachandra University , No1 Ramachandra Nagar, Porur, Chennai-600116	3
12	Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	2
13	Madras Diabetes Research Foundation, No-4, Conran Smith Road, Gopalapuram, Chennai-600086	2
14	National Institute of Mental Health and Neuro Sciences (NIMHANS), Hosur Road, Bengaluru - 560029	2
15	Sai Life Sciences Pvt. Ltd., Building 1, Plot 2, Chrysalis Enclave, International Biotech Park, Phase II, Hinjewadi, Pune - 411057	2
16	Serum Institute of India Ltd., No. 212/2, Soli Poonwala Road, Hadapsar, Pune - 411028	2
17	Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060	2
18	The George Institute for Global Health-India Office, 839 C Road No.44A, Jubilee Hills, Hyderabad-500033	2
19	Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	2
20	Action Research and Training for Health (ARTH), 772, Fatehpura, Udaipur – 313001	1
21	Apollo Childrens Hospital, 15, Shafi Mohammed Road, Thousand Lights, Chennai - 600006	1
22	Asian Institute of Public Health, 1037 Sriram Nagar, Samantarapur, Bhubaneswar - 751002	1

S.No.	Indian Institution	No. of projects approved
23	B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	1
24	Bharati Vidyapeeth University Medical College, Pune- 411043	1
25	Birla Institute of Technology and Science, Pilani, Hyderabad Campus, Shameerpet, R.R. District, Hyderabad - 500078	1
26	Bombay College of Pharmacy, Kalina Santacruz, Mumbai-400098	1
27	Center for Chronic Disease Control(CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi -110016	1
28	Centre for Chronic Disease Control (CCDC),4th Floor, Plot no. 47, Sector – 44, Gurgaon - 122002	1
29	Centre for Dermatology, 134 MohanBagan, Sir Bhalchandra Road, King George School Circle, Dadar(E) Mumbai-400014	1
30	Centre for the Study of Social Change, Plot 6, Block F, Opp Govt. Colony No. 326, Bandra East, Mumbai - 400051	1
31	Dr Mehtas Childrens Hospital AND Mehta Medical Trust No. 2, Me Nichols Road, 3rd Lane, Chetpet, Chennai - 600031	1
32	Dr. Ram Manohar Lohia Hospital, Baba Kharak Singh Marg, Connaught Place, near Gurudwara Bangla Sahib, New Delhi - 110011	1
33	Durbar Mahila Samanwaya Committee, 12/5/Nimoni Mitra Street, Kolkata - 700006	1
34	Gandhi Medical College, No. 6-1-34, Bhoiguda Road, Musheerabad, Secunderabad, Telangana 500003	1
35	Gautam Buddha University, Yamuna Expressway, Gautam Budh Nagar, Greater Noida, 201308	1
36	Healis-Sekhsaria Institute for Public Health, 601/B, Great Eastern Chambers, Plot No. 28, Sector-11, CBD Belapur, Navi Mumbai-400614	1
37	Indian Institute of Advance Research, Koba Ins. Area, Gandhinagar, Gujarat-382007	1
38	Indian Veterinary Research Institute, 37, Belgachia Road, Kolkata-700037	1
39	International Institute for Population Sciences, Govandi Station Road, Deonar, Mumbai-400088	1
40	Ispat General Hospital, Sector 19, Rourkela -769005	1
41	Lata Medical Research Foundation, Kinkini Kutir, Vasant Nagar, Nagpur-440022	1
42	Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha-442102	1
43	Manipal Life Sciences, Manipal University, Manipal-576104	1
44	Maulana Azad Medical College, Bahadur Shah Zafar Marg, New Delhi-110002	1
45	Mazumdar Shaw Cancer Center (MSCC), Narayana Hrudayalaya Health City, No. 258/A, Bommasandra Industrial Area, Anekal Taluk, Bengaluru-560099	1
46	Medanta Kidney & Urology Institute, Medanta The Medicity, Sector - 38, Gurgaon - 122001	1
47	Medecins Sans Frontieres, A-131, Defence Colony, New Delhi-110024	1
48	National Institute of Mental Health and Neurosciences, Hosur Road, Lakkasandra, Bengaluru-560029	1
49	SAMARTH New No. 100 Warren Road, Mylapore, Chennai - 600004	1
50	Northern Regional Disease Diagnostic Laboratory (RDDL), New Rajendar Nagar, Jalandhar-144001	1

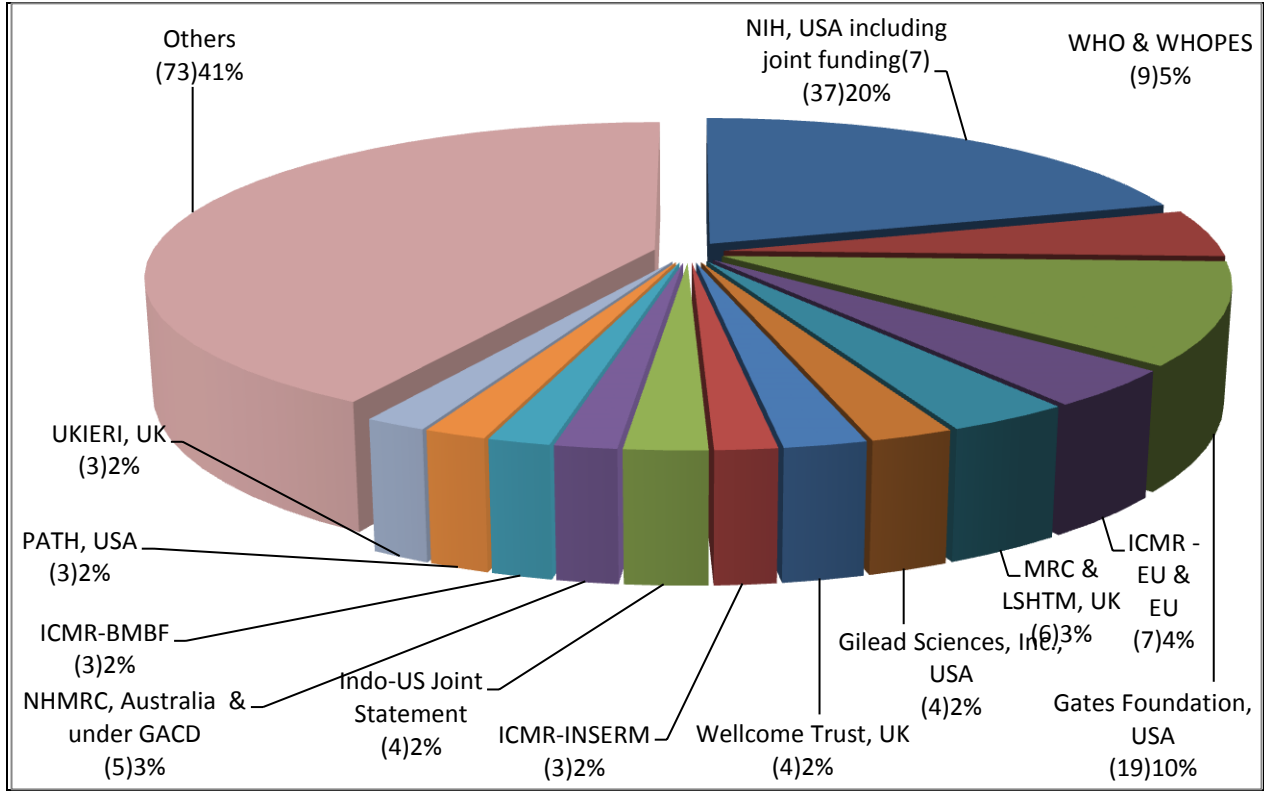
S.No.	Indian Institution	No. of projects approved
51	Population Council South & East Asia- Regional Office, Zone 5 A Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003	1
52	Population Services International, C-445, Chittranjan Park, New Delhi - 110019	1
53	Pratham Education Foundation – ASER Centre, B-4/58, 2nd Floor, Safdarjung Enclave, New Delhi-110029	1
54	Prince Aly Khan Hospital, Aga Hall, Nesbit Road, Mazagaon, Mumbai - 400010	1
55	Public Health Training Institute, Deepak Foundation within Nijanand Ashram Premises, Nr. Laxmi Studia, Adjoining L & T Knowledge City on NH - 8, Ta & Dist. Vadodara - 390019	1
56	Rajiv Gandhi Centre for Biotechnology (RGCB), Thycaud PO, Poojapura, Thiruvananthapuram -695014	1
57	Regional Institute of Ophthalmology, 78 Chetla Road, Dipanwita, W-1/5, Kolkata - 700027	1
58	Sambodhi Research & Communication Pvt. Ltd., O-2, 2nd & 3rd Floor, Lajpat Nagar II, New Delhi - 110024	1
59	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow-226014	1
60	SASTRA University, Thirumalaisamudram, Thanjavur - 613401	1
61	SAWAB Centre, Voluntary Medicare Society, Bemina, Srinagar 190018	1
62	Seth G.S. Medical College & KEM Hospital, Parel, Mumbai - 400012	1
63	SNDT Womens University, Juhu Tara Road, Santacruz West, Mumbai - 400049	1
64	Sree Chitra Tirunal Institute for Medical Sciences & Technology(SCTIMST), Trivandrum-695011	1
65	Srimanta Sankaradeva University of Health Sciences, Narakasur Hilltop, Bhangagarh, Guwahati - 781032	1
66	Ummeed Child Development Centre, Subhash Nagar, N.M. Joshi Marg, Chinchpokli (W), Mumbai - 400011	1
67	University College of Medical Sciences, Dilshad Garden, Delhi - 110095	1
68	Vallabhbai Patel Chest Institute, University of Delhi, North Campus, Vijay Nagar Marg, Delhi-110007	1
69	King George, Medical College, Shah Mina Road, Chowk, Lucknow - 226003	1
	Total	154

Funding agency wise representation of projects approved by HMSC during January, 2013 to June, 2015

S. No.	Funding agency	No. of projects approved
1	National Institutes of Health (NIH), USA (31) including joint funding with UNFPF(1), Swiss fund(1) & CDC/DHHS(4)	37
2	Bill & Melinda Gates Foundation, USA	19
3	World Health Organization / WHOPEP	9
4	ICMR under ICMR - European Union Collaboration(3) and EU(3) & ERC(1)	7
5	Medical Research Council, UK (4) & London School of Hygiene & Tropical Medicine (LSHTM), UK(2)	6
6	National Health and Medical Research Council (NHMRC), Australia (2) / Global Alliance for Chronic Diseases (GACD)(3)	5
7	Gilead Sciences, Inc., USA	4
8	Wellcome Trust, UK	4
9	ICMR under Indo-US Joint Statements (3-HIV/AIDS & STD Prevention) +(1 Diabetes Research)	4
10	ICMR under ICMR-INSERM MoU	3
11	ICMR under Indo-German (BMBF) Programme	3
12	Program for Appropriate Technology in Health (PATH), USA	3
13	UK-India Education and Research Initiative (UKIERI), UK	3
14	*Others	73
Total		180

*Others include Grand Challenges, Canada; USAID; UCLA/UCSF; NovaBay Pharmaceuticals, Inc., USA; University of Oxford, UK; National University of Health Sciences, Singapore; APACI, Australia; IAEA, Austria; SIDA, Sweden; RCN, Norway etc.

Funding agency wise representation of projects approved by HMSC during January, 2013 to June, 2015

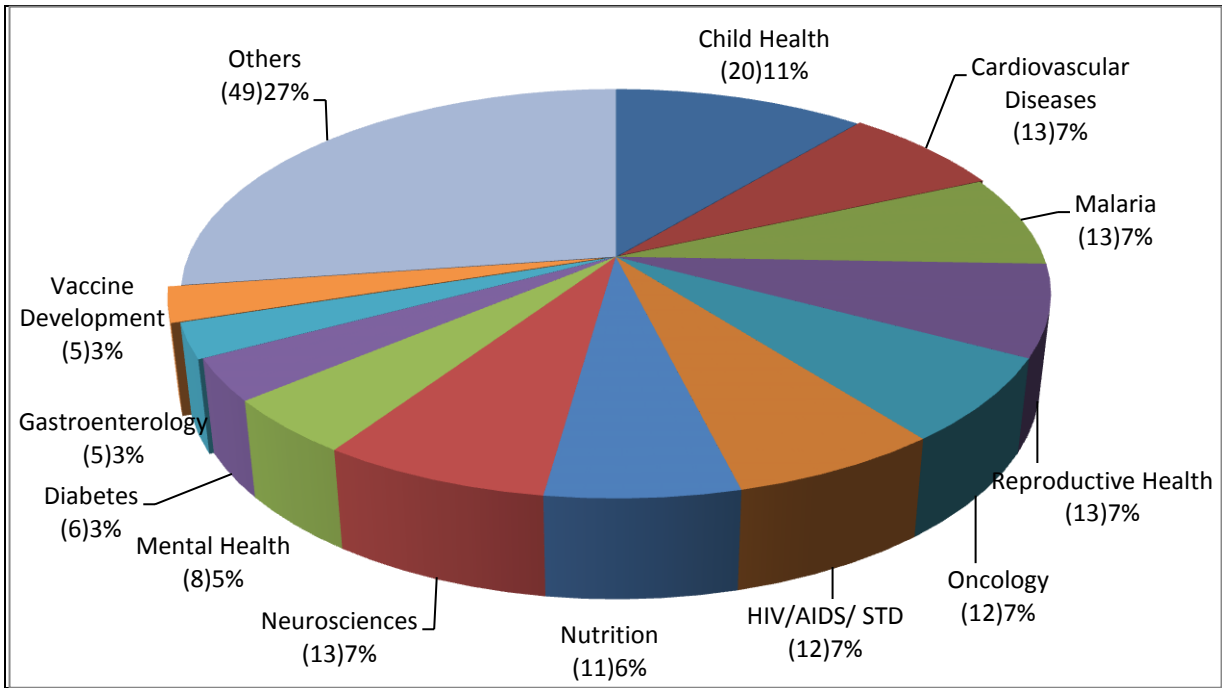


Subject area wise representation of projects approved by HMSC during January, 2013 to June, 2015

S.No	Subject area	No. of projects
1.	Child Health	20
2.	Cardiovascular Diseases	13
3.	Malaria	13
4.	Reproductive Health	13
5.	Neurosciences	13
6.	Oncology	12
7.	HIV/AIDS/ STD	12
8.	Nutrition	11
9.	Mental Health	8
10.	Diabetes	6
11.	Gastroenterology	5
12.	Vaccine Development	5
13.	Infectious Diseases	5
14.	Tuberculosis	4
15.	Ophthalmology	3
16.	Haematology	3
17.	m-Health	3
18.	Environmental Health	2
19.	Filariasis	2
20.	Anti Microbial Resistance(AMR)	2
21.	Influenza	2
22.	Leishmaniasis	2
23.	Life Style Diseases	2
24.	Mycology	2
25.	Orthopaedics	2

S.No	Subject area	No. of projects
26.	Stem Cell Research	2
27.	Bacteriology	1
28.	Biotechnology	1
29.	Dengue	1
30.	Endocrinology	1
31.	Field Epidemiology Training Programme	1
32.	Genomics	1
33.	Geriatrics	1
34.	Health Systems Research	1
35.	Nephrology	1
36.	Public Health	1
37.	Rehabilitation	1
38.	Respiratory Health	1
39.	Vector Control	1
	Total	180

Subject area wise representation of projects approved by HMSC during January, 2013 to June, 2015



Subject area wise representation of projects approved by HMSC during January, 2013 to June, 2015

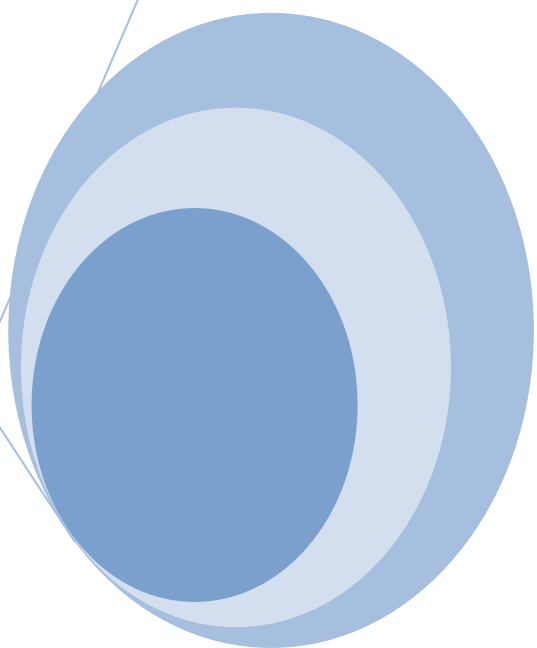
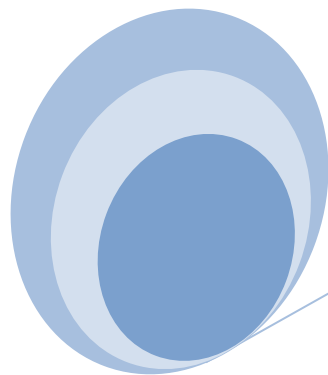
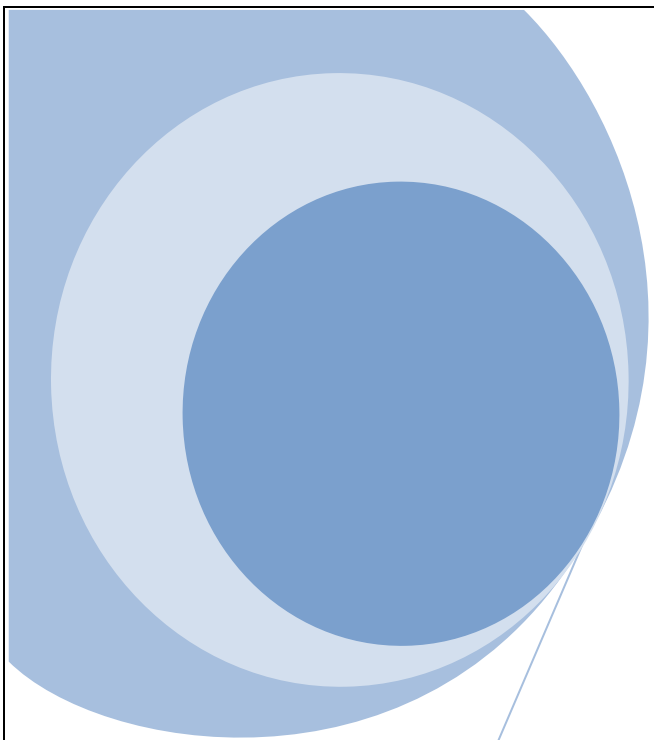
S.no	Subject Areas	No. of Projects	Sub Areas
1.	Child Health	20	<ul style="list-style-type: none"> • Longitudinal Study • Neonatal Health • Clinical Study • Community Based Interventions • Epidemiology Studies • Exploratory Study • Implementation Research • Intervention • Observational Study • Pediatric Infection • Registry • Surveillance
2.	Cardiovascular Diseases	13	<ul style="list-style-type: none"> • Clinical Trial • Cohort Study • Electrophysiology • Intervention • Low-Cost Management • Prevention/Surveillance • Registries
3.	Malaria	13	<ul style="list-style-type: none"> • Clinical Trial • Community Based Interventions • Diagnostics • Drug Resistance Monitoring • Insecticide Resistance • Pathogenesis • Vector Control/Prevention
4	Reproductive Health	13	<ul style="list-style-type: none"> • Capacity and Infrastructure • Clinical Trial • Implementation Research • m-Health • Neonatal Health • Nutrition/Prevention
5..	Neurosciences	13	<ul style="list-style-type: none"> • Psychological Study • Clinical Study/Trial • Diagnostics • Interventional Studies • Mathematical Modeling Tools • Observational Study • Bio-Repository • Therapeutics • Neuroepidemiology • Neurological Disorders

S.no	Subject Areas	No. of Projects	Sub Areas
6.	Oncology	12	<ul style="list-style-type: none"> • Cost-Effectiveness • Therapeutics • Clinical Trial • Diagnosis/Treatment • Epidemiology • m-Health
7..	HIV/AIDS/ STD	12	<ul style="list-style-type: none"> • Epidemiology • Clinical Trial • Drug Delivery Systems • Immunology/Molecular Biology • Phone - Intervention Research • Preventive/ Intervention
8.	Nutrition	11	<ul style="list-style-type: none"> • Health Systems, Research • Clinical Study • Micronutrient Analysis • Interventional Studies • Nutrition Monitoring/ Assessment • Micronutrients • Observational Study
9.	Mental Health	08	<ul style="list-style-type: none"> • Prognostic Tool • Capacity Building • Clinical Trial • Cognitive Training Program • Diagnostics • Prevention/Intervention
10.	Diabetes	06	<ul style="list-style-type: none"> • Biomarkers • Drug Development • Epigenetics • Intervention • Molecular Biology
11.	Infectious Diseases	05	<ul style="list-style-type: none"> • Surveillance • Virology
12.	Gastroenterology	05	<ul style="list-style-type: none"> • Clinical Study • Neonatal Health
13.	Vaccine Development	05	<ul style="list-style-type: none"> • Clinical Trial • Epidemiological Studies • Vaccine Research
14.	Tuberculosis	04	<ul style="list-style-type: none"> • Diagnostics • Drug Resistance Monitoring
15.	Ophthalmology	03	<ul style="list-style-type: none"> • Clinical Trials
16.	Haematology	03	<ul style="list-style-type: none"> • Clinical Trial • Therapeutics
17.	m-health	03	<ul style="list-style-type: none"> • Management of Chronic Illness • Prototype Development

S.no	Subject Areas	No. of Projects	Sub Areas
18.	Environmental Health	02	<ul style="list-style-type: none"> • Indoor Air Pollution • Surveillance Program
19.	Filariasis	02	<ul style="list-style-type: none"> • Transmission Assessment Survey • Vector Control
20.	Anti Microbial Resistance (AMR)	02	<ul style="list-style-type: none"> • Community Based Research • Vaccine Development
21	Influenza	02	<ul style="list-style-type: none"> • Efficacy Immune Response • Vaccine Research
22	Leishmaniasis	02	<ul style="list-style-type: none"> • Vector Management • Drug Development
23	Life Style Diseases	02	<ul style="list-style-type: none"> • Risk Factor Assessment • Preventive/ Intervention
24	Mycology	02	<ul style="list-style-type: none"> • Epidemiology • Observational Study
25	Orthopaedic	02	<ul style="list-style-type: none"> • Clinical Research • Cohort Study
26	Stem Cell Research	02	<ul style="list-style-type: none"> • Immunology/Molecular Biology
27	Others	13	Geriatrics, Genomics, Rehabilitation, HSR, Endocrinology and Field Epidemiology Programme and Vector Control etc
Total		180	

Disclaimer

The information available in this document has been compiled as accurate as possible from the project protocols/documents and the recorded minutes of the meetings of HMSC held during January, 2013 to June, 2015. We welcome your suggestions to improve and request that error (if any) may kindly be brought to our notice and gratefully acknowledged. The information contained in this document may be used with Council's prior permission/acknowledgment.



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