



An Overview
of
International Collaborative Research
Projects in Health Research
approved by
Health Ministry's Screening Committee

(Volume II)
January, 2008 to December, 2012



International Health Division
Indian Council of Medical Research



**An Overview
of
International Collaborative Research
Projects in Health Research
approved by
Health Ministry's Screening Committee**

(Volume II)
January, 2008 to December, 2012



**International Health Division
Indian Council of Medical Research**

Published by

Director-General

Indian Council of Medical Research
New Delhi-110029

June, 2013

The data compiled in the document corresponds to international collaborative projects approved by HMSC during January, 2008 to December, 2012 (5 years)

©Indian Council of Medical Research, New Delhi

ISBN- 978-81-910091-4-9

Conceptualization, Design & Layout

Mukesh Kumar, Harpreet Sandhu, Payal Prakash, Abhay Shankar Pandey

Production Controller

J. N. Mathur, New Delhi

Printed at



डॉ विश्व मोहन कटोच
एम.बी., एम.एस., एम.एच., एम.ए.एच., एम.ए.एच., एम.ए.एच., एम.ए.एच.
सचिव, भारत सरकार
(स्वास्थ्य अनुसंधान विभाग)
स्वास्थ्य एवं परिवार कल्याण मंत्रालय एवं
महानिदेशक, आई सी एम आर
Dr. Vishwa Mohan Katoch
MD, FNASc, FAMS, FASc, FNA
S: Secretary to the Government of India
(Department of Health Research)
Ministry of Health & Family Welfare &
Director-General, ICMR



भारतीय आयुर्विज्ञान अनुसंधान परिषद
(स्वास्थ्य अनुसंधान विभाग)
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
डी. रामलिंगस्वामी भवन, अंसारी नगर
नई दिल्ली - 110 029 (भारत)

Indian Council of Medical Research
(Department of Health Research)
Ministry of Health & Family Welfare
V. Ramalingaswami Bhawan, Ansari Nagar
New Delhi - 110 029 (INDIA)

Dated the 26th April, 2013



Foreword

The International Health Division of ICMR is publishing the second volume entitled “An Overview of International Collaborative Research Projects in Health Research approved by Health Ministry’s Screening Committee (HMSC)” during January, 2008 to December, 2012.

I am pleased to share this document with you as a sequel of our previous publication entitled “An overview of international collaboration in biomedical research” which provided the information on the international collaborative research projects approved by Health Ministry’s Screening Committee (HMSC) during the years 2000 to 2007.

The earlier document released in June 2008 was considered as a useful publication by the scientific community for providing a wealth of information especially relevant to those engaged in carrying out and promoting international collaboration through joint research projects.

The current document provides ICMR’s strengths in health research for collaboration with different countries. It contains relevant information on various MoUs signed with different countries/agencies and related details on the areas of interest and modes of collaboration.

I congratulate the International Health Division for bringing out the volume II of the document which can be used as a ready reference by the stakeholders and researchers for developing & strengthening the prospective joint cooperation between India and other countries in the areas of common interest.

(Dr. V.M. Katoch)

Acknowledgement

We deeply acknowledge the constant guidance and support received from Dr. V. M. Katoch, Secretary, Department of Health Research (DHR) and Director General, Indian Council of Medical Research (ICMR) for ICMR's international collaborative programmes. We also gratefully acknowledge the valuable contribution of the then Secretary (H) and the Secretary (DHR), MOHFW for chairing the HMSC meetings. Our gratitude is also extended to all members of Health Ministry's Screening Committee (HMSC) for their precious time, comments, observations, recommendations and suggestions given during various meetings. The Financial & Administrative support extended to our various international activities by past and present Heads of Finance and Administration Divisions are also greatly acknowledged.

We acknowledge the valuable contributions made by Project Review Committees, Subject Area Experts, Scientific Advisory Committees, Scientific Advisory Groups, Task Force Committees, and Joint Working Groups and Steering Committees etc. which have evaluated and reviewed international collaborative research proposals in different areas of health research.

We would like to thank all Investigators & Co-investigators involved with international projects, Programme Officers, Coordinators and Heads of various Technical Divisions at ICMR Hqrs., Office who have been involved at various stages of processing and evaluation of projects prior to the consideration by HMSC. We are also thankful to various Institutional Ethics Committees and other regulatory authorities for their support in evaluating & critically examining the research proposals.

We are thankful to Dr. Lalit Kant, former Head of IHD and the Member Secretary, HMSC for his continuous support.

We would like to place on record our deep appreciation to the Division of Publication & Information and Bioinformatics Centre in placing periodic calls for proposals on ICMR website under various bilateral and multilateral collaborative programmes.

Our deep gratitude is extended to the IG-SCID project staff at International Health Division (IHD) for their help in bringing out this document and other staff at IHD for work related to systematization and organization of the HMSC meetings.

Dr. Mukesh Kumar
Head
International Health Division (IHD)
ICMR Hqrs., New Delhi &
Member Secretary (HMSC)

Dr. Harpreet Sandhu
Scientist D
International Health Division (IHD)
ICMR Hqrs., New Delhi

Contents

Chapter	Page No.
1. An Introduction to the Health Ministry's Screening Committee and the Document	1
2. Overview of ICMR	3
3. International Cooperation & Partnerships	6
4. Indo-German Science Center for Infectious Diseases (IG-SCID) - A Virtual Centre	14
5. South Asian Forum for Health Research (SAFHeR)	17
6. Glimpses of International Activities	20
7. List of International Collaborative Research Projects Approved by HMSC during January, 2008 to December, 2012	31
8. Facts & Figures	218
9. Summary of International Collaborative Research under Projects Approved by HMSC during January, 2008 to December, 2012	230
 Annexures	
1. Composition of HMSC	
2. List of Other Funding Agencies and Projects Approved	

An Introduction to the Health Ministry's Screening Committee and the Document

The Health Ministry's Screening Committee (HMSC) is a high level committee, which was constituted by the Ministry of Health and Family Welfare (MOHFW), Government of India and has been working since 1980s. The Committee takes decision on the international research proposals in the field of health research requiring foreign collaboration and/or assistance from foreign funding agencies. Prior to submission to HMSC, the research proposals are evaluated on the basis of scientific significance, justification for foreign collaboration and national health priorities, national security/sensitivity angle etc. The HMSC includes representatives from the Ministry of Health & Family Welfare including Directorate General of Health Services (DGHS), National AIDS Control Organization (NACO), Department of Health and Family Welfare, Department of AYUSH; Ministry of External Affairs; Ministry of Finance; Department of Biotechnology; Department of Science and Technology; Directorate General of Armed Forces Medical Services. The HMSC is chaired by the Secretary, Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India. The HMSC meets regularly at an interval of every three months (in March, June, September and December in each calendar year). In certain cases, where there is a specified and written deadline of an international funding agency, decision on the proposal is expedited through Chairman, HMSC on its scientific merit.

Terms of Reference of the HMSC:

- *To carry out screening of all proposals involving foreign collaboration on a bilateral basis.*
- *To periodically monitor the progress of bilateral agreements between India and other countries and to make suitable recommendations regarding their implementation.*
- *To consider all proposals in which extension of ongoing research projects is sought with or without external financial support.*
- *To give final approval for transfer of biological material.*

The Indian investigators are required to submit their research projects involving foreign assistance and/or collaboration in health research to ICMR at IHD for approval of Government of India through HMSC. The Indian Council of Medical Research (ICMR) acts as the technical arm for this Committee and is responsible for technical review of the collaborative proposals. The International Health Division (IHD) at ICMR is the Secretariat for HMSC and facilitates placement of collaborative research projects before this Committee as a mandatory requirement. The centenary meeting of HMSC was organized on December 10, 2012. The status of international collaborative research projects which are under consideration at ICMR has been made available on ICMR website under "Search Research Projects" with effect from August 1, 2012 for the information of researchers.

In June 2008, the International Health Division published a document entitled “An overview of international collaboration in biomedical research”, as suggested by the HMSC. This document provided a digest on the international collaborative research projects approved by HMSC during the years 2000 to 2007. Through this document, an effort was also made to provide an evidence base which could assist policy makers in decision making in the area of health research.

The International Health Division has now prepared the present document as a sequel to the earlier one with a focus on the projects approved by HMSC during January, 2008 to December, 2012. The information pertaining to the collaborative research projects during this period is as per the protocols approved by HMSC and minuted accordingly. The document could enable policy makers for development of policies related to health research and prioritize key areas of scientific enquiry and research. The document also provides a brief account on ICMR’s existing partnerships with other countries/agencies around the globe.

Overview of ICMR

The Indian Council of Medical Research (ICMR), New Delhi, the apex body in India for the formulation, coordination and promotion of biomedical research, is one of the oldest medical research bodies in the world (more than hundred years in the service of bio-medical research).

As early as in 1911, the Government of India set up the Indian Research Fund Association (IRFA) with the specific objective of sponsoring and coordinating medical research in the country. After independence, several important changes were made in the organization and the activities of the IRFA. It was re-designated in 1949 as the Indian Council of Medical Research (ICMR) with considerably expanded scope of functions.

The ICMR is funded by the Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India. It promotes research in all areas of medical and related science with an aim of improving the health and quality of life of the Indian public. The Council has broadened its activities from a pure biomedical research organization to one that also undertakes health systems research. Its mandate covers the entire spectrum of research from biological to social, laboratory to field, and from idea to use. The Council commits itself to take its research agenda forward, and strives to get research results translated into efficient disease control and prevention strategies.

The Council's research priorities coincide with the national health priorities such as control and management of communicable diseases, fertility control, maternal and child health, control of nutritional disorders, developing alternative strategies for health care delivery, containment within safety limits of environmental and occupational health problems, research on major non-communicable diseases like cancer, cardiovascular diseases, blindness, diabetes and other metabolic and haematological disorders, mental health research and drug research (including traditional remedies). All these efforts are undertaken with a view to reduce the total burden of disease and to promote health and well-being of the population.

In the context of the changing public health scene, the balancing of research efforts between different competing fields, especially when resources are severely limited, is a typical problem encountered in the management of medical research, particularly in developing countries. Infectious diseases and excessive population growth have continued to constitute the major priorities to be addressed in medical research throughout the past several decades. In addition to tackling these issues, in recent years, research has been intensified progressively on emerging health problems such as cardiovascular diseases, metabolic disorders (including diabetes mellitus), mental health problems, neurological disorders, blindness, liver diseases, hearing impairment, cancer, drug abuse, accidents, disabilities *etc.* Research on traditional medicine/herbal remedies was revived with a disease-oriented approach. Attempts have been made to strengthen and streamline medical informatics and communication to meet the growing demands and needs of the biomedical community. The Council is alert to new diseases and new dimensions of existing diseases, as exemplified by the rapid

organization of a network of Surveillance Centres for AIDS in different states of India in 1986.

The Governing Council of ICMR is presided over by the Union Minister for Health & Family Welfare, GoI. It is assisted in scientific and technical matters by a Scientific Advisory Board comprising of eminent experts in different biomedical disciplines. The Board, in its turn, is assisted by a series of Scientific Advisory Groups, Scientific Advisory Committees, Expert Groups, Task Forces and Steering Committees etc. which evaluate and monitor different research activities of the Council.

The ICMR promotes biomedical research in the country through intramural as well as extramural research.

1. Intramural research is carried out currently through the Council's 32 Research Institutes/Centres/Units. These include:
 - a) 21 mission-oriented national institutes located in different parts of India that address the research on specific areas such as tuberculosis, leprosy, cholera and diarrhoeal diseases, viral diseases including AIDS, malaria, kala-azar, vector control, nutrition, reproduction, immunohaematology, oncology, medical statistics, *etc*;
 - b) 6 Regional Medical Research Centres that address regional health problems, and also aim to strengthen or generate research capabilities in different geographic areas of the country; and
 - c) 5 Units/Centres dealing with food & drug toxicology, viral diseases, handling microorganisms of highly infectious nature, prenatal diagnosis for neonatal retardation *etc* and supply of various animal models and feeds for experimental purposes.
2. Over the decades, the base of extramural research and also its strategies have been expanded by the Council. Extramural research is promoted by ICMR through:
 - a) Setting up of Centres for Advanced Research in different research areas around existing expertise and infrastructure in selected departments of Medical Colleges, Universities and other non-ICMR Research Institutes.
 - b) Task force studies which emphasize a time-bound, goal-oriented approach with clearly defined targets, specific time frames, tbl-standardized and uniform methodologies, and often a multi-centric structure.
 - c) Open-ended research on the basis of applications for grants-in-aid received from scientists in non-ICMR Research Institutes, Medical colleges, Universities *etc.* located in different parts of the country.
3. In addition to research activities, the ICMR encourages human resource development in biomedical research through:
 - a) Research Fellowships
 - b) Short-Term Visiting Fellowships
 - c) Short-Term Research Studentships
 - d) Various Training Programmes and Workshops conducted by ICMR Institutes and Headquarters

4. For retired medical scientists and teachers, the Council offers the position of Emeritus Scientist to enable them to continue or take up research on specific biomedical topics. The Council also awards prizes to Indian scientists, in recognition of significant contributions to biomedical research. At present, the Council offers 38 awards, of which 11 are meant exclusively for young scientists (below 40 years).

Source: ICMR website

International Cooperation & Partnerships

ICMR recognizes that the inception of new cutting-edge health knowledge and its translation into real world applications cannot take place in isolation. Without effective international cooperation we would have limited access to breakthrough scientific knowledge generated by researchers in other countries and the quality of the scientific knowledge generated locally would decline. Medical research and technology development can be benefitted greatly through international cooperation and collaboration. Common goals can be effectively addressed by pooling both material and intellectual resources. The future of our health system depends on having a critical mass of health scientists with the international knowledge and intercultural skills necessary to meet global challenges. The potential and scope of international scientific collaboration is well recognized in almost all areas of medical and health science research.

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 under specific Memoranda of Understanding (MoU) / Joint Statements. The IHD is also committed towards recognizing the importance of international engagements leading to scientific excellence and achieving ICMR's mandate. Through IHD, the Council is working towards enhancing India's performance in collaborative research. Growing collaboration in recent years is reflected by increased number of internationally funded research projects. Today, ICMR enjoys research partnerships with counterpart organizations in several countries. Successful partnerships implemented through collaborative research have resulted into benefits to both parties. They are built on a shared vision with well-defined goals. Each of these agreements bring together the top minds and technology resources of partner countries and helps progression through shared research and innovation agenda.

Earlier international collaborations have solely aimed at strengthening research capacity of individuals/institutions and transfer of technology to the partner organizations. Donor funding in India as shown through international collaborative projects has remained high, but at present most of the initiatives are based on equal footing with respect to functional requirements relevant to national conditions/circumstances and not monetary equivalents. A number of Indian Institutes particularly some of ICMR institutes have achieved international stature based on their research and training capacity.

The country has developed excellence in the area of health research. There is a great interest among various international agencies/countries in developing partnership with ICMR. ICMR is also actively involved in governance of a number of international organizations and agencies. According to Indian Health Research Policy, further efforts need to be made to develop and strengthen the linkages with international developmental partners, WHO and other UN Agencies to ensure that India plays a legitimate role as an emerging economy.

Several International arrangements of ICMR with many countries such as USA, France, Germany, Canada, Australia, United Kingdom, Sweden, Finland, Switzerland and the international agencies are progressing well. Few more MoUs are in their embryonic stage of development indicating the progressive outlook of ICMR.

The purpose of these Memoranda of Understanding (MoU) and Joint Statements is mutual cooperation, 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 Groups (JWGs) or Joint Steering Committees (JSCs) are organized with various international institutions/organizations to review, develop and finalize joint collaborative programmes, decide plans of action and identify priorities for bilateral cooperation.

The Memoranda of Understanding (MoU) and Joint Statements signed between ICMR and various collaborating global bodies are outlined below:

1. An **Indo-German programme** has been running in pursuance of Indo-FRG Agreement on Science & Technology signed in January/March, 1974 and subsequently under ICMR-GSF (now taken over by BMBF), Special Arrangement for cooperation in biomedical sciences was signed in January/February, 1976. The ICMR- GSF cooperation was renewed in May, 1990 and further strengthened by signing of an addendum in November, 2005 at New Delhi/Bonn. The areas of cooperation under this agreement cover infectious diseases including AIDS, oncology, family planning and reproduction with special emphasis on birth control, health for mother and child, prenatal medicine, research on scientific basis of traditional medicine with emphasis on composition and pharmacological properties of natural products, environmental toxicology, drug development related to tropical diseases/infectious diseases, bioethics and other biomedical research aspects related to human health.
2. An **ICMR - INSERM, France MoU** has been in place in pursuance of Indo-French Science & Technology Agreement signed in July, 1978. The ICMR-INSERM MoU was signed in February, 1989 at New Delhi and renewed in January, 2000 for cooperation in various areas of biomedical research and health sciences. The areas of collaboration are infectious diseases (tuberculosis, HIV/AIDS, malaria, leishmaniasis), human genetics/genomics, neurosciences and surveillance/epidemiology using modern techniques, stem cell research, pharmacogenetics, genetics of cancer, polymorphism, viral hepatitis, leptospirosis, epidemiological database, development of surveillance tools like registries and genetic susceptibility of infectious diseases. Newly added areas are bioethics and clinical research. Further areas of cooperation which are of mutual interest are added from time to time during the Joint Working Group meetings organized regularly in India and France.

A Letter of Intent (LoI) between ICMR and INSERM for collaboration and setting up of an International Associated Laboratory (IAL) in the field of Immunology/Haematology was signed in December, 2010 at New Delhi between Secretary, Department of Health Research, MOH&FW, GoI & Director General, ICMR and CEO, Chairman, INSERM during the visit by a delegation led by His Excellency, the President of France to India.

3. The **Indo-US Joint Statement on Emerging and Re-emerging Infections and Disease Surveillance** was signed in June, 2005 (and further expanded in November, 2005) and other

three **Joint Statements on HIV/AIDS, Maternal & Child Health and Human Development & Research and Environment & Occupational Health** were signed in 2000/2002 and were renewed in June, 2006 by the then Hon'ble Minister for Health and Family Welfare, Government of India during his visit to USA. The Joint Statement on HIV/AIDS was further renewed in October, 2011, whereas other two Joint Statements are being processed for renewal. Another **Joint Statement** between the Department of Health and Human Services of USA and the Ministry of Health and Family Welfare of India **on collaboration in Diabetes Research** was signed in June, 2012 at USA. The collaborative research projects under these programmes through Call for Proposals (CFP) are mainly aimed for capacity building through scientific knowledge, technology transfer, identifying training needs, developing scientific tools for disease control and prevention such as vaccine development and treatment for elimination of diseases.

4. The **Indo-US Joint Statement for Establishment of International Centre for Excellence Research (ICER)** at National Institute for Research in Tuberculosis, Chennai was signed in June, 2003 and further extended in May, 2008. The scientific focus of the agreement is to continue ongoing activities and to expand cooperation in the areas of epidemiology, molecular biology, medical entomology, parasitology, immunology bacteriology, microbiology, virology etc. with emphasis on techniques for the prevention, diagnosis and treatment of tropical infections and allergic diseases.
5. An MoU was signed between **ICMR and Canadian Institutes of Health Research (CIHR), Canada** for cooperation in the field of biomedical sciences at New Delhi in January, 2005 wherein areas such as lifestyle diseases, public health & disease surveillance were identified for collaboration. Certain new areas of mutual interest such as human development, child and youth health, infection immunity, neurosciences, mental health & addiction have been included in the renewed MoU for collaboration signed in March, 2011 at New Delhi.
6. An MoU between **ICMR and Helmholtz Association (HGF), Germany** for cooperation in Medical Research was signed in April, 2006 at Hannover, Germany during the visit by Hon'ble Prime Minister of India to Germany. The areas of interest which have been identified for cooperation are infectious diseases, oncology & biomedical research related to health. Under this MoU, a virtual Indo-German Science Centre for Infectious Diseases (IG-SCID) was inaugurated in April, 2007 which is located at the Council's Headquarters and slated to promote research in identified areas of infectious diseases through joint research projects with Indian and German funding. The organization of joint workshops, exchange of scientists/researchers and execution of twinning projects are the modes of cooperation. Five areas of collaborative priority namely genetic susceptibility, vaccines & anti-infectives, viral diseases (HIV/HCV), animal models of infectious diseases and zoonoses have been identified under this programme.

This Indo-German collaboration was extended and pushed further in the area of infectious diseases especially in translational research by signing the renewed MoU between ICMR and HGF in May 2011 by the Secretary, Department of Health Research, MOH&FW, GoI & Director General, ICMR from Indian side and the Scientific Director, Helmholtz Centre for Infection Research (HZI) from German side at New Delhi in the presence of Hon'ble Prime

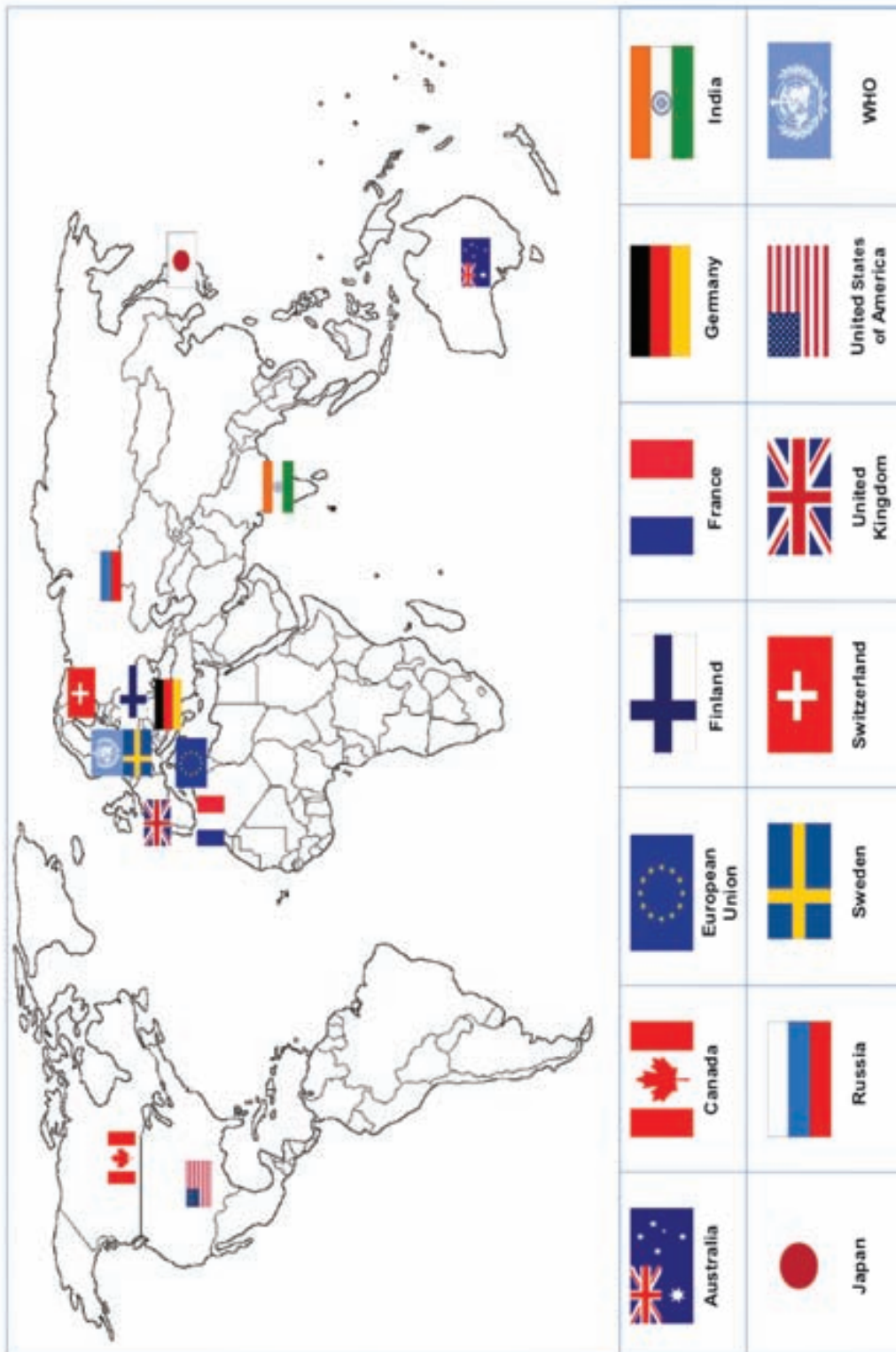
Minister of India Dr. Manmohan Singh and H. E. Chancellor of Germany Dr. Angela Merkel. This MoU would provide the active translational efforts which combine basic and clinical research and thus advance the fight against infections in biomedical research with long term capacity building for researchers and scientists, in both the countries.

7. An MoU between **ICMR and University of Minnesota, USA** was signed in October, 2006 at New Delhi for the development and expansion of research, medical education and clinical programmes in the areas of medicine and public health. The purpose of this collaboration is to build upon the synergy of expertise on both sides for promotion and conduct of research. The initial research efforts will develop around areas such as field epidemiology, cardiovascular medicine, cancer, infectious diseases, immunology, metabolic diseases, obesity, diabetes and public health initiatives. Later in 2009, cancer and diabetes were identified to start with the collaborative projects through a joint call for proposals. The collaboration was further renewed in November, 2011 by both the sides at New Delhi.
8. A Letter of Intent (LoI) for collaboration between **ICMR and Boston University, USA** was signed in October, 2007 at Boston as a follow up of visit by the President, Boston University and his team to India in September, 2007. This cooperation is likely to enhance the collaboration between the two institutions in the identified areas of emerging infectious diseases and public health training. The collaboration in research and application in other areas of mutual interest in emerging infectious diseases and public health education has additional common interest and synergistic capacity under the proposed MOU. Both sides have also shown interest in developing a clinical trials network, basic and applied cancer research and cardio-vascular disease as well as risk factors such as diabetes, obesity and genetics including the linkage of population based research.
9. An MoU between **ICMR and George Institute for International Health & Faculty of Medicine, University of Sydney, Australia** was signed in November, 2007 at Hyderabad for collaboration in the areas of public health and clinical aspects of chronic diseases, HIV/AIDS, road traffic injuries as well as health systems. Subsequently in 2010, it was proposed by both parties to include maternal and child health as another area of mutual interest for collaboration. The collaboration is likely to be renewed further in 2013.
10. The **ICMR and Karolinska Institute, Sweden** signed an MoU in July/August, 2009 at New Delhi /Stockholm to collaborate in the areas of non-communicable diseases (specifically diabetes mellitus & cardiovascular diseases including control of tobacco, alcohol & junk food), maternal and child health, sexual and reproductive health, HIV, TB, malaria, emerging infections and human resource development.
11. An MoU between **ICMR and London School of Hygiene and Tropical Medicine, London, United Kingdom** was signed in February/September, 2009 at London and New Delhi to build upon the synergy of expertise of each party for the promotion and conduct of research in the areas of public health, cardiovascular medicine, cancer, infectious diseases including vector borne disease, metabolic diseases, obesity/diabetes and research support to National Rural Health Mission of India.
12. In February, 2010, **ICMR and Medical Research Council, United Kingdom** signed an MoU at New Delhi to encourage joint research in a range of health areas including persistent,

new and emerging infections, chronic non-communicable diseases, impacts of environmental change (including climate) on health.

13. A Letter of Intent (LoI) between **ICMR and European Union** for collaboration in cancer & neurodegenerative diseases was signed in March/April, 2011 at New Delhi/Brussels. A joint call for proposal was launched by ICMR in February, 2012.
14. An MoU between **ICMR and Global Alliance for Chronic Diseases (GACD)** was signed in April, 2011 at New Delhi. Some of the priority areas of collaboration proposed by GACD founding members are prevention of cardiovascular diseases, public health measures for the control of diabetes and obesity, characterization, quantification of risk factors (tobacco and environmental pollution), and development of control measures for chronic obstructive airways disease, cancer cardiovascular disease and other disorders, and implementation research of interventions to address these and other priorities. The addendum to GACD secretariat funding and collaboration agreement was signed by ICMR in November, 2012 at New Delhi.
15. An MoU between **ICMR and Foundation for Innovative New Diagnostics (FIND)** was signed in July, 2011 at New Delhi by Dr. V.M. Katoch, Secretary, Department of Health Research, Ministry of Health and Family Welfare, Government of India & Director General, ICMR and Dr. Giorgio Roscigno, Chief Executive Officer, FIND for collaboration on the effectiveness and feasibility of the introduction of new diagnostic tests for infectious diseases such as tuberculosis, malaria, HIV, leishmaniasis and other communicable diseases.
16. An MoU between **ICMR and Academy of Finland (AF)** was signed in October/November, 2012 at Helsinki/New Delhi by Professor Marja Makarow, the Vice President (Research), Academy of Finland and Dr. V. M. Katoch, Secretary, DHR & DG, ICMR, New Delhi. The MoU would promote collaboration between Indian and Finnish researchers and scientific institutions in the areas of chronic non-communicable diseases, diabetes and challenges in health services research through joint workshops and collaborative research projects.

Various activities have been initiated under these MoUs and Joint Statements. Several workshops on topics of mutual interest have been organized and many exchange visits by the Indian investigators under the approved collaborative research projects have been funded by ICMR. Under these MoUs & Joint Statements, the collaboration has fruitfully led to publication of several research papers as well as transfer of technologies and led to infrastructure strengthening of Indian research institutes. The cooperation is reviewed through annual meetings of Joint Working Group or Joint Steering Committee organized in India and respective countries from time to time.



Collaboration of ICMR with different countries/agencies in health research (flags placed in an alphabetical order)

Transfer of human biological material

The guidelines issued by the Ministry of Health & F.W, Government of India (vide O.M.No.19015/53/1997-IH Pt.) dated November 19, 1997 regulates the transfer of human biological material for research/diagnostic purposes. As per the O.M., ICMR is the nodal agency to process such requests. The guidelines for transfer of human biological material are available on the ICMR website (<http://icmr.nic.in/ihd/ihd.htm>).

The above mentioned guidelines enshrine the definition, modalities and mechanism for transfer of human biological material for biomedical research as well as regulate the exchange of biological material for commercial purposes. It categorically states that if the material transfer is envisaged as part of a collaborative research project, the proposal must be routed through the appropriate authorities for evaluation and clearance.

The exchange of human biological material should be an integral part of a collaborative project, which should have been approved by the Institutional Review Board (IRB) and/or Institutional Ethics Committee (IEC) and not be a separate activity. It advocates that in order to protect the rights of the Indian study subjects as well as Indian scientists/organizations, Memoranda of Understanding and/or Material Transfer Agreement (MTA) should be entered into between the collaborating partners (both Indian and foreign). This should, according to the requirement of case under consideration, include the items pertaining to identification of the receiving/sending parties, the material to be transferred and its quantity, purpose of the transfer, the research to be carried out using the material, confidentiality, intellectual property rights, filing of patents, arrangements for future commercial exploitation, reporting, publication rights indemnification, termination of agreement, assignation or transfer of agreement/rights, safety norms to be observed, shipping arrangements, 'qualified user' information and any other matter that may be relevant to the particular exchange of material.

As per the O.M., the requests for transfer of biological material for research/diagnostic purposes in biomedical research after scrutiny and decision by the respective agencies/departments are required to be placed before the Health Ministry's Screening Committee (HMSC) for final endorsement.

Cases pertaining to transfer of human biological material are received either directly or forwarded by the Directorate General of Foreign Trade (DGFT), Ministry of Commerce and Industry and/or Directorate General of Health Services (DGHS), MOH&FW, GoI to ICMR for comments.

In consultation with DGFT & DCGI, GoI, Director General, ICMR has constituted a Committee in 2010 consisting of experts from relevant fields for deciding each proposal on a case-to-case basis for transfer of human biological material for research/commercial purposes. The cases where infectious biological material/samples are proposed to be transferred by Private Pharmaceutical Companies/Clinical Research Organizations in India or where Indian laboratories are involved in the out sourcing of biological samples for diagnostic purposes or vice versa for analysis are considered by this Committee. In addition to other experts, this Committee has representatives from Directorate General of Foreign Trade and DCGI/DGHS.

The applications are submitted to ICMR for transfer of biological material for research/commercial purposes in response to announcement on the ICMR website with deadlines for submission of applications as January 31; April 30; July 31 and October 31 in each calendar year.

ICMR International Fellowship Programme

The world is now witnessing a rapid change in the way biomedical research is being conducted. The developing countries are in the grip of formidable challenges posed by existing communicable diseases coupled with newer emerging infections as also reemergence of newer strains apart from the subtle but progressive burden of non communicable diseases. On the positive side, rapid advances in science and technology have brought forth newer technologies to understand the disease process and find strategies for prevention and cure. There are areas at the cutting edge of science such as molecular medicine, genomics, immunology etc which have revolutionized knowledge for finding rapid diagnostics, vaccine, new drugs and other therapeutic measures. There is an urgent need that researchers working in core health sectors like diagnostics, epidemiology, surveillance and cure are exposed to the latest advancements in knowledge and interact with international scientists in their respective field of work. To achieve the objective of building up of 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 of our country in 2004.

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 2 weeks to visit the foreign laboratories/institutes for scientific discussions/training. The fellowship grant has been further enhanced for Indian biomedical scientists with monthly grant of US\$ 3000 for young scientists and for 15 days for senior scientists. ICMR international fellowships have been awarded to 30 senior and 58 young Indian biomedical scientists.

The ICMR international fellowships are advertised each year in leading national newspapers, on ICMR website & some of the Indian scientific journals.

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. One scientist from Cuba and two from Nigeria visited ICMR institutes (RMRC, Port Blair; NJIL & OMD, Agra and NARI, Pune respectively) for training.

Indo-German Science Centre for Infectious Diseases (IG-SCID): A Virtual Centre

The collaboration between India and Germany in health sector has been a strong focus during the last 60 years of diplomatic relationship between India and Germany. The cooperation between Indian Council of Medical Research (ICMR) and Helmholtz Association (HGF), Germany started with the signing of a Memorandum of Understanding on April 24, 2006 at Hannover, Germany by Prof. N. K. Ganguly, former Director-General, ICMR and Prof. J. Mlynek, President, HGF during the visit by Hon'ble Prime Minister of India to Germany. This cooperation in medical research has identified infectious diseases, oncology, and biomedical research related to health as the areas of collaboration.

The infectious diseases impose a heavy health burden in India and Germany. Therefore, in July, 2006 the various topics under infectious diseases were identified as a research priority by the two implementing agencies viz. the Indian Council of Medical Research (ICMR) in India and Helmholtz Centre for Infection Research (HZI) in Germany. Under the aegis of the MoU, a virtual Indo-German Science Centre for Infectious Diseases (IG-SCID) was jointly inaugurated at ICMR Hqrs., New Delhi by Prof. N. K. Ganguly, former Director General, ICMR and Prof. Jurgen Mlynek, President of the Helmholtz Association on April 3, 2007.

Subsequently, on May 18, 2007 a co-operation agreement was signed by Prof. N. K. Ganguly, ICMR and Prof. Rudi Balling of Helmholtz Centre for Infection Research (HZI), Braunschweig, Germany, in presence of the then Hon'ble Union Minister for Health & Family Welfare, Government of India, Dr. Anbumani Ramadoss in Germany. The agreement fine-tuned the modalities of co-operation and endorsed the Government of India's commitment to fight the challenges posed by infectious diseases. The cooperative efforts focus on multidisciplinary research for finding solutions to the complex problems of infectious diseases. Accordingly, under the MoU, a Joint Steering Committee (JSC) and Scientific Advisory Board (SAB) were established for coordination and development of activities of IG-SCID and for the independent selection of projects and their evaluation. The first meeting of the JSC and the Projects' Progress Seminar (PPS) were held on April 7, 2010 at ICMR Hqrs, New Delhi and the second meeting of the JSC and PPS were held on June 29-30, 2011 at Berlin, Germany to monitor the programme, decide funding, to determine future plans, priorities and review of the progress of projects. The Director General, ICMR from the Indian side and President, HGF from German side are the Co-Chairmen of Joint Steering Committee.

The goal of IG-SCID is to provide a platform to develop collaborative research work for finding solutions to the grand challenges posed by infectious diseases worldwide. To address these issues, four areas have been identified: 1. Genetic Susceptibility 2. Viral diseases (HIV/HCV) 3. Vaccines and Anti-infectives 4. Zoonoses and Animal Models of infectious diseases wherein initially, the

focus is on development of new anti-infectives, new diagnostics, and development of novel vaccine strategies along with developing basic understanding in these areas.

The virtual Indo-German Science Centre for Infectious Diseases has been established in India and to manage its activities the International Health Division, took up an ad-hoc project entitled “Managing the Indo-German Science Centre for Infectious Diseases” under the Principal Investigatorship of Dr. Mukesh Kumar, Head, IHD and Dr. Harpreet Sandhu, Scientist D, IHD as a Co- Investigator. The objective of the Centre is to play a pro-active role to facilitate and promote Indo-German bilateral collaboration in basic and translational science of infectious diseases. Several activities have been undertaken by this Centre.

Three workshops were held in the areas of Genetic Susceptibility, Vaccines and Anti-infectives, Viral Diseases (HIV/HCV) during September/October 2007 in Germany and a workshop on Zoonoses and Animal Models of Infectious Diseases was organized at New Delhi, India on September 15, 2008 with participation of approximately twenty Indian and eight German scientists. Further, in pursuance of the recommendations of the second JSC meeting, a symposium on “Translational Research in Infectious Diseases” was also organized at India International Center, New Delhi during November 28-29, 2011. The areas covered during the symposium were Hepatitis C Virus, Novel Anti-infective Compounds; Humanized Mouse Models; Improved Human Vaccines, Streptococcal Diseases and HCV/HIV Co-infection.

As a result of three workshops were held in Germany and four joint projects were conceptualized which were approved by Health Ministry’s Screening Committee (HMSC) and funded by the Division of Epidemiology and Communicable Diseases of ICMR (Total Budget from ICMR for these four projects is Rs. 4.6 Crores approx.).

To disseminate information about the Centre, the website of IG-SCID (URL <http://www.icmr.nic.in/igscid>) was inaugurated on November 26, 2009 by Dr. V. M. Katoch, the Secretary, Department of Health Research (DHR), MOHF&W, GoI & Director General, ICMR at New Delhi. The linking of the Science Circle Forum, coordinated by the German Embassy, New Delhi URL <http://www.science-circle.org/> with the IG-SCID website has been done so that the scientific communities in India and Germany can be benefited. The web-pages of the IG-SCID website are modified and updated on regular intervals.

Building upon the continuous efforts of fruitful collaborative strength, the Indian Council of Medical Research (ICMR) and Helmholtz Association (HGF), Germany have re-committed to deepen their research collaboration and cooperation, in fostering translational efforts in biomedical research for a period of next five years. Accordingly, a new Memorandum of Understanding (MoU) was signed by Dr. V. M. Katoch, Secretary, DHR, MOH&FW, GoI & Director General, ICMR from Indian side and Prof. Dirk Heinz, Scientific Director, Helmholtz Centre for Infection Research (HZI) from German side at Hyderabad House in New Delhi on May 31, 2011 in the presence of Dr. Manmohan Singh, Hon’ble Prime Minister of India and H. E. Dr. Angela Merkel, Chancellor of Germany.

To provide opportunities to Indian and German researchers to undertake research in thematic areas of infectious diseases, a Fellowship programme under IG-SCID was recently started in the year

2011 which would provide a platform for exchange of information/learning and training in cutting edge technologies in newer areas of science to the Indian & German researchers/young scientists.

Through the IG-SCID under ICMR-HGF MoU the researcher in India & Germany benefited in multiple areas pertaining to joint collaborative research and long term capacity building of researchers and scientists and latest technologies being used. The collaborative work under the projects has brought together the experts in India and Germany and provided preliminary leads for more scientific work in the field of HIV immunology and the development of effective therapeutic strategies against Cholera and Leishmaniasis.

Thus IG-SCID can be described as “a role model for international cooperation” and may be replicated in building healthy partnership and more collaborative projects to gain the expertise in the field of infectious diseases.

South Asian Forum for Health Research (SAFHeR)

South Asian Forum for Health Research (SAFHeR) was created in the year 2003 with an aim of enhancing regional collaboration and partnership in health research among South Asian countries. This consultative meeting was organized by Nepal Health Research Council (NHRC), Nepal for the Development of Health Research Agenda for South Asia where most of the regional health research councils had participated for discussion and to address common health problems in the region.

Vision: The vision of South Asian Forum for Health Research is to achieve better health for the people of South Asia.

Mission: The mission of SAFHeR is to facilitate regional collaboration among the South Asian countries addressing common health problems towards sustainable solutions.

Objectives:

- To exchange health research related information (ongoing health research, research results, database)
- To coordinate health research agenda
- To promote research culture
- To strengthen the health research capacity building in the region
- To develop partnership among the countries in the region
- To collaborate on research in common health problem including cross-border issues
- To ensure utilization of health research information
- To co-ordinate exchange of resources and
- To arrange periodic meetings

During 2008 to 2010, three regional meetings of SAFHeR were organized in Nepal by Nepal Health Research Council. In July 2011, the NHRC, Nepal, formally transferred the SAFHeR secretariat to ICMR for the next three 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”. The meeting was inaugurated by Shri. Ghulam Nabi Azad, Hon’ble Union Minister of Health and Family Welfare, Government of India and Smt. Preneet Kaur, Hon’ble Minister of State for External Affairs, Government of India. Secretaries of different Ministries/ Departments of Government of India, eminent scientists and experts in health research addressed the Forum delegates from the member countries - Bangladesh, Bhutan, Maldives, Nepal, Pakistan, Sri Lanka and Thailand.

The agenda of SAFHeR has considerably widened over the years to encompass common regional priority areas in health research. In the 2012 meeting at New Delhi, member countries showcased their understanding of existing regional determinants of the health challenges with respect to their country and requirement of research capacity in identified priority areas. The presentations were made by Indian experts in identified priority areas with respect to regional obstacles as faced by member countries and cross country issues; areas for collaboration/training/capacity building.

The meeting concluded with the discussions and strategic planning for development of common researchable issues, protocols and capacity building in identified common research areas in the region. The meeting has imparted further momentum to the SAFHeR process. A Joint Declaration was issued at the end of the meeting where participants from member countries ensured their commitment towards continuing efforts for regional cooperation.

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. To further accelerate the forum activities, ICMR will support a workshop entitled “Foundation Workshop for Undergraduate Students in Clinical and Laboratory Medicine Research” at New Delhi in near future with participation of faculty and researchers from SAFHeR member countries.

Some of the Recommendations (Action Plan) of Fourth SAFHeR meeting held in India:

1. The Forum of eight participating regional nations - Bangladesh, Bhutan, Maldives, Nepal, Pakistan, Sri Lanka, Thailand and India agreed to work together in the area of health research on equal partnership and long term basis where each country would fund their respective research portion.
2. The partnership among eight nations would be guided by the principles of respect for national sovereignty, national ownership and independence, equality, non conditionality, non-interference in domestic affairs and mutual benefit. Accordingly, a New Delhi Declaration adopted and signed by Head of delegates from member countries ensured their commitment towards continuing efforts for regional cooperation.
3. The member countries need to identify the nodal technical officer(s)/ after due approval from respective Research Council of their countries to establish points of contact for the implementation.
4. Workshops for protocol development in mutually identified areas of interest should be organized.
5. The proposed theme for next SAFHeR meeting as agreed by member countries would be “Sharing of success stories and barriers”.

6. SAFHeR can consider publishing a periodical newsletter and consider having website for discussion/interactions and sharing of knowledge among scientists of member countries.
7. The Research Councils of member countries shall prepare the following:
 - a) A list of scientists/investigators from each country to develop and undertake joint projects in the identified areas of research and prioritize the areas
 - b) A list of laboratories to offer training/ exchange of expertise with other member countries
8. Regional conferences /workshops in the areas of mutual interest under SAFHeR could be conducted for sharing of best practices, research experiences and findings.

Glimpses of International Activities



Release of document entitled “An Overview of International Collaborative Projects in Biomedical Research” by Shri. Naresh Dayal, the then Secretary, Dept. of Health & Family Welfare & Chairman, HMSC at MOH&FW, New Delhi on June 24, 2008



Workshop on “Zoonoses and Animal Models of Infectious Diseases” under ICMR-HGF MoU held at IIC, New Delhi on September 15, 2008



Seventh Joint Working Group meeting under ICMR-INSERM MoU held at NJIL&OMD, Agra on November 20, 2008



Signing of MoU between ICMR and Karolinska Institute, Sweden by Secretary, DHR & DG, ICMR at ICMR Hqrs., New Delhi on July 27, 2009



Signing of MoU between ICMR and London School of Hygiene and Tropical Medicine, London, UK by Secretary, DHR & DG, ICMR at ICMR Hqrs., New Delhi on September 8, 2009



Launch of IG-SCID website at ICMR Hqrs., New Delhi by Dr. V. M. Katoch, Secretary, DHR & DG, ICMR on November 26, 2009



Signing of MoU between ICMR and Medical Research Council, UK at MOH&FW, New Delhi on February 17, 2010



First Joint Steering Committee meeting under ICMR – HGF, Germany MoU held at ICMR Hqrs., New Delhi on April 7, 2010



Eighth Joint Working Group meeting under ICMR- INSERM MoU held at INSERM Head Office, Paris, France on June 21, 2010



Third Joint Steering Committee meeting under ICMR - Canadian Institutes of Health Research (CIHR) MoU held at Vancouver, Canada on June 24, 2010



Meeting of Indo-US Joint Working Group on HIV/AIDS held at ICMR Hqrs., New Delhi during November 1 - 2, 2010



Signing of Letter of Intent (LoI) by Dr. V. M. Katoch, Secretary, DHR & DG, ICMR & Prof. André Syrota, CEO & Chairman, INSERM at ICMR Hqrs., New Delhi on December 6, 2010



Signing of ICMR-EU Letter of Intent at Brussels on April 1, 2011 by DG for Research and Innovation of EC (DG, ICMR signed it at New Delhi on March 22, 2011)



The renewal of MoU between ICMR and Canadian Institutes of Health Research (CIHR) at ICMR Hqrs., New Delhi on March 17, 2011



The renewal of MoU between ICMR- HGF, Germany at Hyderabad House, New Delhi on May 31, 2011 in the presence of Hon'ble PM of India & H.E. Chancellor of Germany



Second Joint Steering Committee meeting under ICMR-HGF, Germany MoU held at Berlin during June 29- 30, 2011



Meeting of Indo-US Joint Working Group on Environment and Occupational Health held at ICMR Hqrs., New Delhi on August 23, 2011



Ninth Joint Working Group meeting under ICMR – INSERM MoU held at ICMR Hqrs., New Delhi on October 20, 2011



Signing of Expression of Interest on collaboration in diabetes research between ICMR & NIH, USA at ICMR Hqrs., New Delhi on December 5, 2011



The Fourth Regional Meeting of South Asian Forum for Health Research (SAFHeR) held at IIC, New Delhi during February 5 - 7, 2012



Signing of Joint Statement on collaboration in diabetes research by Hon'ble Minister of Health & FW, GoI, Shri Ghulam Nabi Azad and U.S. DHHS, Secretary, Ms. Kathleen Sebelius in USA on June 12, 2012



An MoU between ICMR and Academy of Finland (AF) signed by Dr. V.M. Katoch, Secretary, DHR and DG, ICMR at ICMR Hqrs., New Delhi on November 2, 2012 in presence of Mr. Juha Pyykko, Counsellor (Economic, Commercial and S&T), Embassy of Finland, New Delhi

List of International Collaborative Research Projects Approved by HMSC during January, 2008 to December, 2012

S.no.	Detail of Projects	
1	The relationship between anti- tuberculosis drug absorption and effective antiretroviral therapy in HIV-TB co-infected patients in Bangalore, India	
	<p>Principal Investigator</p> <p>Dr. George D'souza Director, 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>Academic Alliance Against AIDS (AAAA), USA</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 31, 67,500</p> <p>Duration 12 Months</p> <p>Subject area HIV/ Tuberculosis</p>
2	Effectiveness of cell phone counseling to improve breast feeding indicators	
	<p>Principal Investigator</p> <p>Dr. Archana Patel Professor, Indira Gandhi Government Medical College, Central Avenue Road, Nagpur-440018</p>	<p>Funded by</p> <p>Alive and Thrive Small Grants Program through Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 8, 2010</p> <p>Total budget Rs 44, 99,002</p> <p>Duration 18 Months</p> <p>Subject area Reproductive Health</p>
3	Field implementation of the helping babies breathe initiative in Belgaum, Karnataka, India	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad S Goudar Professor & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by</p> <p>American Academy of Pediatrics, USA</p> <p>Date of approval December 8, 2009</p> <p>Total budget Rs 24, 00,000</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>

S.no.	Detail of Projects	
4	Feasibility, acceptability and perceived clinical utility of the cultural formulation interview	
	<p>Principal Investigator Dr. Smita N Deshpande Head of Department, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001</p>	<p>Funded by American Psychiatric Association, USA</p> <p>Date of approval December 10, 2012 Total budget Rs 1, 16,600 Duration 6 Months Subject area Mental Health</p>
5	Efficacy and safety of AP 12009 in adult patients with recurrent or refractory anaplastic astrocytoma (WHO grade III) as compared to standard treatment with temozolomide or BCNU: A randomized, actively controlled, open label clinical phase III study (SAPPHIRE)	
	<p>Principal Investigator Dr. Ashish Suri Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Antisense Pharma GmbH, Germany</p> <p>Date of approval March 8, 2010 Total budget Rs 36, 52,100 Duration 48 Months Subject area Neurosciences</p>
6	Mission Delhi - Delhi emergency life heart - attack initiative saving hearts, saving lives	
	<p>Principal Investigator Dr. Balaram Bhargava Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by AUH Hospital, Aarhus, Denmark</p> <p>Date of approval March 12, 2012* Total budget Rs 15, 86, 52,728 Duration 36 Months Subject area Cardiovascular Diseases</p>

* Approved with suggestions

S.no.	Detail of Projects	
7	Neuro- developmental disabilities among children in India: An INCLEN study	
	Principal Investigator Dr. M K C Nair Professor & Director, Child Development Centre, Medical College, Thiruvananthapuram-695011	Funded by Autism Speaks, USA/ INCLEN Inc., USA and National Trust and Ministry of Social Justice and Empowerment, India Date of approval September 8, 2009* Total budget Rs 2, 07, 16, 264 Duration 24 Months Subject area Child Health
8	PASS: Parent-mediated intervention for Autism Spectrum Disorders (ASD) in South Asia	
	Principal Investigator Dr. Vikram Patel Professor, Sangath Centre, 841/1 Alto Porvorim, Goa-403521	Funded by Autism Speaks, USA Date of approval September 10, 2012* Total budget Rs 53, 11,530 Duration 24 Months Subject area Mental Health
9	The epidemiology and transmission of Tuberculosis (TB) among household contacts in Southern India with a focus on risk factors	
	Principal Investigator Dr. K R John Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by Australian Research Council (ARC), Australia Date of approval June 8, 2010 Total budget Rs 16, 80, 000 Duration 12 Months Subject area Tuberculosis

* Approved with conditions

S.no.	Detail of Projects	
10	The development and evaluation of m-Health service in the control of Tuberculosis (TB) in India	
	<p>Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by Australian Research Council (ARC), Australia; University of Melbourne, Australia and Bill & Melinda Gates Foundation, USA</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 54, 85, 500</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
11	A phase III trial of adjuvant chemotherapy following chemo-radiation as primary treatment for locally advanced cervical cancer compared to chemo-radiation alone: The OUTBACK TRIAL	
	<p>Principal Investigator Dr. S K Shrivastava Professor & Head, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012</p>	<p>Funded by Australia and New Zealand Gynecological Oncology Group (ANZGOG), Australia</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 74, 92,000</p> <p>Duration 36 Months</p> <p>Subject area Oncology</p>
12	The Rishi Valley Vascular Disease Project - An observational and interventional public health project in vascular health in a typical rural South Indian community	
	<p>Principal Investigator Dr. Kartik Kalyanram Coordinator, Rishi Valley Rural Health Centre, Rishi Valley PO, Madanapalle, Chittor-517352</p>	<p>Funded by Baker Heart Research Institute, Australia</p> <p>Date of approval June 8, 2009*</p> <p>Total budget Rs 1, 50, 74,400</p> <p>Duration 144 Months</p> <p>Subject area Cardiovascular Diseases</p>

* *Approved with suggestions*

S.no.	Detail of Projects	
13	Novel molecular mechanisms leading to HAEMOPHILIA A phenotype	
	Principal Investigator Dr. Alok Srivastava Professor & Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004	Funded by Bayer Haemophilia Award, United Kingdom Date of approval June 8, 2009 Total budget Rs 18, 80,000 Duration 24 Months Subject area Haematology
14	Development and validation of sampling strategies for stopping / continuing Programmes to Eliminate Lymphatic Filariasis (PELF)	
	Principal Investigator Dr. S Subramanian Scientist D, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 25, 2008 Total budget Rs 75, 45,178 Duration 15 Months Subject area Filariasis
15	Global HIV / AIDS Vaccine Enterprises (GHAVE), Comprehensive Antibody Vaccine Immune Monitoring Consortium (GCAV)	
	Principal Investigator Dr. Ramesh S Paranjape Scientist G & Director, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 25, 2008 Total budget Rs 1, 67, 45,710 Duration 60 Months Subject area HIV/AIDS/ STD

S.no.	Detail of Projects	
16	Assessment of the added impact of vector control for augmentation of MDA to eliminate Lymphatic Filariasis (LF) in South India	
	<p>Principal Investigator Dr. I P Sunish Scientist C, Centre for Research in Medical Entomology (CRME), 4 Sarojani Street, Chinna Chokkikulam, Madurai-625002</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 23, 2008 Total budget Rs 1, 04, 40,000 Duration 48 Months Subject area Filariasis</p>
17	Effect of albendazole dose and interval on <i>Wucheria bancrofti</i> microfilarial clearance in India; a randomized, open label study	
	<p>Principal Investigator Dr. Shantanu K Kar Scientist G & Director, Regional Medical Research Centre (RMRC), Chandrasekharpur, Bhubaneswar-751023</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 23, 2008 Total budget Rs 48, 41,200 Duration 36 Months Subject area Filariasis</p>
18	Diagnostic tool assessment to measure the impact of Mass Drug Administration (MDA) on <i>W.bancrofti</i> infection and transmission: Multi-country evaluation	
	<p>Principal Investigator Dr. R L J De Britto Scientist E, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 23, 2008 Total budget Rs 18, 80,760 Duration 12 Months Subject area Filariasis</p>

S.no.	Detail of Projects	
19	A study of sub clinical lymphatic manifestation in <i>W.bancrofti</i> infection	
	<p>Principal Investigator Dr. Shantanu K Kar Scientist G & Director, Regional Medical Research Centre (RMRC), Chandrasekharapur, Bhubaneswar-751023</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval September 8, 2009</p> <p>Total budget Rs 66, 83,257</p> <p>Duration 36 Months</p> <p>Subject area Filariasis</p>
20	Planning for the delivery of a more effective oral rehydration solution to improve diarrhea control worldwide	
	<p>Principal Investigator Dr. B S Ramakrishna Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval December 8, 2009</p> <p>Total budget Rs 1, 67, 00,000</p> <p>Duration 24 Months</p> <p>Subject area Diarrhoeal Diseases</p>
21	Development and validation of sampling strategies for xenomonitoring of infection in Culex vector by PCR as a surveillance tool for assessing post-MDA situation of Lymphatic Filariasis elimination programme	
	<p>Principal Investigator Dr. S Subramanian Scientist D, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval March 8, 2010</p> <p>Total budget Rs 66, 44,402</p> <p>Duration 36 Months</p> <p>Subject area Filariasis</p>

S.no.	Detail of Projects	
22	Study to evaluate the impact of topical application of improved oil and/or improved skin care practices on neonatal mortality: A community based cluster randomized controlled trail in rural India	
	<p>Principal Investigator Dr. Vishwajeet Kumar Principal Investigator, Saksham/INCLEAN Trust, 1, Shahmina Road Chhatrapati Shahuji Maharaja Medical University, Chowk, Lucknow-226003</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval March 8, 2010*</p> <p>Total budget Rs 44, 93, 98,710</p> <p>Duration 54 Months</p> <p>Subject area Child Health</p>
23	Comprehensive investigation into the risk factors of malnutrition and the consequences for child health	
	<p>Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval March 8, 2010</p> <p>Total budget Rs 9, 77, 80,150</p> <p>Duration 60 Months</p> <p>Subject area Nutrition</p>
24	Measurement, Learning and Evaluation (MLE) of the urban reproductive health initiative in India	
	<p>Principal Investigator Dr. Ravi K Verma Regional Director, International Center for Research on Women (ICRW), Asia Regional Office, C – 139, Defence Colony, New Delhi-110024</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval March 8, 2010</p> <p>Total budget Rs 9, 43, 69,950</p> <p>Duration 60 Months</p> <p>Subject area Reproductive Health</p>

* *Approved with conditions*

S.no.	Detail of Projects	
25	Post-MDA surveillance of rural communities in South India	
	Principal Investigator Dr. P Vanamail Technical Officer, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 8, 2011 Total budget Rs 11, 54, 800 Duration 36 Months Subject area Filariasis
26	Two community strategies comparing use of misoprostol for early treatment / secondary prevention to primary prevention for postpartum hemorrhage: A randomized cluster non-inferiority study in Bijapur district, Karnataka	
	Principal Investigator Dr. Shivaprasad S Goudar Professor & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by Bill & Melinda Gates Foundation, USA Date of approval June 8, 2011 Total budget Rs 96, 23, 413 Duration 24 Months Subject area Reproductive Health
27	Bihar Evaluation of Social franchising and Telemedicine (BEST)	
	Principal Investigator Dr. Manish Kakkar Specialist & Epidemiologist, Public Health Foundation of India, ISID Campus 4, Institutional Area, Vasant Kunj, New Delhi-110070	Funded by Bill & Melinda Gates Foundation, USA Date of approval March 12, 2012 Total budget Rs 62, 94,320 Duration 48 Months Subject area Health Systems Research

S.no.	Detail of Projects	
28	Evaluation of the Bihar family health initiative	
	<p>Principal Investigator Dr. Lalit Dandona Professor, Public Health Foundation of India, 4/2, Sirifort Institutional Area, August Kranti Marg, New Delhi-110016</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 16, 77, 07,000 Duration 60 Months Subject area Health Systems Research</p>
29	The costs of care and constraints to equitable service provision in the ART programme in the states of Andhra Pradesh and Rajasthan	
	<p>Principal Investigator Dr. Lalit Dandona Professor, Public Health Foundation of India, 4/2, Sirifort Institutional Area, August Kranti Marg, New Delhi-110016</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 50, 00,000 Duration 24 Months Subject area HIV/AIDS/ STD</p>
30	Evaluating - shaping demand and practices to improve family health in Bihar	
	<p>Principal Investigator Dr. Vishal D Shastri Head of Research, BBC World Service Trust India, E-21, Hauz Khas Market, New Delhi-110016</p>	<p>Funded by Bill & Melinda Gates Foundation, USA</p> <p>Date of approval September 10, 2012 Total budget Rs 2, 08, 32, 900 Duration 60 Months Subject area Health Systems Research</p>

S.no.	Detail of Projects	
31	Epidemiology of visceral leishmaniasis in Bihar	
	Principal Investigator Dr. Shyam Sundar Professor, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Funded by Bill & Melinda Gates Foundation, USA Date of approval December 10, 2012 Total budget Rs 7, 66, 92,650 Duration 36 Months Subject area Leishmaniasis
32	Pilot introduction of the modified bivalent killed whole cell oral cholera vaccine in Orissa	
	Principal Investigator Dr. Shantanu K Kar Scientist G & Director, Regional Medical Research Centre (RMRC), Chandrasekharpur, Bhubaneswar-751023	Funded by Bill and Melinda Gates Foundation & The International AIDS Vaccine Institute, Korea Date of approval September 8, 2010 Total budget Rs 59, 39,520 Duration 10 Months Subject area Diarrhoeal Diseases
33	Assessing the effectiveness, safety and feasibility of expanding use of oxytocin in Uniject™ by auxiliary nurse midwives to prevent postpartum hemorrhage: A community based cluster randomized trial in Bagalkot, India	
	Principal Investigator Dr. Shivaprasad S Goudar Professor & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by Bill and Melinda Gates Foundation, USA & Program for Appropriate Technology in Health (PATH), USA Date of approval June 8, 2010* Total budget Rs 2, 60, 04,688 Duration 36 Months Subject area Reproductive Health

* Revised protocol approved by Chairman and endorsed in HMSC meeting held on March 8, 2011

S.no.	Detail of Projects	
34	The Oxytocin Initiative: Exploring use of uterotonic substances at or around birth in two states in India	
	<p>Principal Investigator Dr. Nitya Nand Deepak Research Coordinator, Programme for Appropriate Technology in Health (PATH), A-9, Qutab Institutional Area, New Delhi-110067</p>	<p>Funded by Bill & Melinda Gates Foundation, USA (Through Program for Appropriate Technology in Health, USA)</p> <p>Date of approval December 8, 2010</p> <p>Total budget Rs 32, 09,730</p> <p>Duration 18 Months</p> <p>Subject area Reproductive Health</p>
35	A multicentre, randomized, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of PEFylated interferon beta-1a (BIIBO-17) in subjects with relapsing multiple sclerosis	
	<p>Principal Investigator Dr. Manjari Tripathi Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi- 110029</p>	<p>Funded by Biogen Idec Limited, United Kingdom</p> <p>Date of approval March 8, 2010*</p> <p>Total budget Rs 18, 29, 823</p> <p>Duration 42 Months</p> <p>Subject area Neurosciences</p>
36	An open - label, multicenter evaluation of the safety, pharmacokinetics, and efficacy of recombinant, long- acting coagulation factor IX Fc fusion (rFIXFc) in the prevention and treatment of bleeding in previously treated subjects with severe hemophilia B	
	<p>Principal Investigator Dr. Renu Saxena Professor and Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Biogen Idec Limited, United Kingdom</p> <p>Date of approval December 8, 2010</p> <p>Total budget Rs 8, 92,224</p> <p>Duration 12 Months</p> <p>Subject area Haematology</p>

* Approved for AIIMS, New Delhi only with conditions

S.no.	Detail of Projects	
37	A dose-blind, multicenter, extension study to determine the long- term safety and efficacy of two doses of BG00012 monotherapy in subjects with relapsing-remitting multiple sclerosis	
	Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Biogen Idec Limited, United Kingdom Date of approval December 8, 2010* Total budget Rs 18, 48,420 Duration 24 Months Subject area Neurosciences
38	A phase III multi-centre, randomized parallel group study of safety and efficacy of the LB03002 a new sustained release formulation of human recombinant growth hormone as compared to standard daily therapy with Genotropin in treatment naive children with growth failure due to insufficient secretion of endogenous growth hormone	
	Principal Investigator Dr. Rajesh Khadgawat Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Biopartners GmbH, Switzerland Date of approval June 8, 2010** Total budget Rs 27,888 Duration 24 Months Subject area Child Health
39	Risk factors, treatments and outcomes for emergency department patients with atrial fibrillation in multiple regions of the world	
	Principal Investigator Dr. Prem Pais Dean & Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Boehringer Ingelheim, Germany Date of approval December 22, 2008 Total budget Rs 73, 61,250 Duration 24 Months Subject area Cardiovascular Diseases

* Approved for AIIMS, New Delhi only

** Approved with conditions

S.no.	Detail of Projects	
40	A randomized, double-blind, multi- center phase-III study of Brivanib plus Best Supportive Care (BSC) versus placebo plus BSC in subjects with advanced Hepatocellular Carcinoma (HCC) who have failed or are intolerant to forafenib: The BRISK PS Study	
	<p>Principal Investigator Dr. Yogesh K Chawla Professor & Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by Bristol Myers Squibb India Pvt. Ltd.</p> <p>Date of approval December 8, 2010 Total budget Rs 3, 08,520 Duration 24 Months Subject area Oncology</p>
41	A randomized, double-blind, multi-center phase-III study of brivanib versus sorafenib as first-line treatment in patients with advanced hepatocellular carcinoma (The BRISK FL Study)	
	<p>Principal Investigator Dr. Yogesh K Chawla Professor and Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by Bristol Myers Squibb India Pvt. Ltd.</p> <p>Date of approval December 8, 2010 Total budget Rs 11, 03,920 Duration 24 Months Subject area Oncology</p>
42	Study to evaluate the effect of physician's advice in quitting smoking in HIV and TB patients in South India - A pilot study	
	<p>Principal Investigator Dr. S Ramesh Kumar Scientist B, Tuberculosis Research Centre (TRC), Madurai Unit, Madurai-625107</p>	<p>Funded by Brown University, USA</p> <p>Date of approval March 2, 2009 Total budget Rs 5, 70,000 Duration 24 Months Subject area HIV/ Tuberculosis</p>

S.no.	Detail of Projects	
43	CABG Off or On Pump Revascularization Study (CORONARY)	
	Principal Investigator Dr. D Prabhakaran Executive Director, Center for Chronic Disease Control (CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi-110016	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval December 22, 2008* Total budget Rs 1, 46, 85,375 Duration 90 Months Subject area Cardiovascular Diseases
44	Prevalence and incidence of tuberculosis infection among nursing students in a South Indian teaching hospital, as assessed by Quanti FERON-TB-Gold interferon-gamma assay (QFT) and Tuberculin Skin Test (TST)	
	Principal Investigator Dr. D J Christopher Professor & Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval December 22, 2008 Total budget Rs 7, 90,000 Duration 12 Months Subject area Tuberculosis
45	Use of indicator amino acid oxidation to determine amino acid requirements	
	Principal Investigator Dr. Anura Kurpad Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval March 2, 2009 Total budget Rs 14, 77,410 Duration 60 Months Subject area Nutrition

* Formal approval of project and inclusion / drop of study site was endorsed in HMSC meeting held on June 8, 2010

S.no.	Detail of Projects	
46	The influence of maternal vitamin A level on fetal kidney development	
	<p>Principal Investigator Dr. K D Phadke Associate Professor, St. Johns Medical College and Institute of Population Health and Clinical Research (IPHCR), St. Johns National Academy of Health Sciences, Bangalore-560034</p>	<p>Funded by Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval March 2, 2009 Total budget Rs 30, 75,000 Duration 36 Months Subject area Nutrition</p>
47	Genetic dissection of leprosy susceptibility	
	<p>Principal Investigator Prof. Narinder K Mehra Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval June 8, 2009 Total budget Rs 17, 87,400 Duration 36 Months Subject area Leprosy</p>
48	Coronary CT angiography to predict vascular events in non-cardiac surgery patients cohort evaluation (CTA VISION) study	
	<p>Principal Investigator Dr. G Karthikeyan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval December 8, 2010 Total budget Rs 19, 19, 590 Duration 36 Months Subject area Cardiovascular Diseases</p>

S.no.	Detail of Projects	
49	Global registry of rheumatic heart disease	
	Principal Investigator Dr. G Karthikeyan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval December 8, 2010* Total budget Rs 9, 73,248 Duration 30 Months Subject area Cardiovascular Diseases
50	Steroids in cardiac surgery (SIRS) trial	
	Principal Investigator Dr. G Karthikeyan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval March 8, 2011** Total budget Rs 78, 42,035 Duration 24 Months Subject area Cardiovascular Diseases
51	The remote Ischemic preconditioning in cardiac surgery trial pilot (Remote IMPACT pilot)	
	Principal Investigator Dr. G Karthikeyan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi- 110029	Funded by Canadian Institutes of Health Research (CIHR), Canada Date of approval September 8, 2011*** Total budget Rs 67,923 Duration 12 Months Subject area Cardiovascular Diseases

* Inclusion of one more study site endorsed in HMSC meeting held on December 8, 2011

** Approved and endorsed for 5 additional centers in HMSC meetings held on September 8, 2011 and March 12, 2012

*** Approved with conditions

S.no.	Detail of Projects	
52	A pilot study of HIV in women attending a health clinic in Mumbai	
	<p>Principal Investigator Dr. Jayanthi Shastri Professor & Head, Topiwala National Medical College, Nair Hospital & Kasturba Hospital, Mumbai-400008</p>	<p>Funded by Centre for AIDS Research (CFAR), USA</p> <p>Date of approval March 25, 2008*</p> <p>Total budget Rs 9, 00, 000</p> <p>Duration 6 Months</p> <p>Subject area HIV/AIDS/ STD</p>
53	The detection of occult hepatitis B virus infection using real time PCR on pooled serum samples among HIV positive individuals in Southern India	
	<p>Principal Investigator Dr. S Saravanan Assistant Professor, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by Center for AIDS Research (CFAR), USA</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 17, 89, 470</p> <p>Duration 12 Months</p> <p>Subject area HIV/AIDS/ STD</p>
54	Incidence of Cryptosporidium in children among different hospitals in Kolkata	
	<p>Principal Investigator Dr. Sandipan Ganguly Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA</p> <p>Date of approval June 23, 2008</p> <p>Total budget Rs 8, 00,000</p> <p>Duration 12 Months</p> <p>Subject area Diarrhoeal Diseases</p>

* Approved with conditions

S.no.	Detail of Projects	
55	Direct and indirect protection by influenza vaccine given to children in India	
	Principal Investigator Dr. Shobha Broor Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA Date of approval December 22, 2008* Total budget Rs 9, 41, 37,430 Duration 36 Months Subject area Influenza
56	Influenza disease burden in rural communities in India	
	Principal Investigator Dr. A C Mishra Scientist G & Director, National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune-411001	Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA Date of approval December 22, 2008 Total budget Rs 5, 95, 71, 200 Duration 36 Months Subject area Influenza
57	Multi site epidemiological and virological monitoring of human influenza virus surveillance network in India, Phase II	
	Principal Investigator Dr. A C Mishra Scientist G & Director, National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune-411001	Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA Date of approval December 8, 2009* Total budget Rs 1, 44, 31,359 Duration 60 Months Subject area Influenza

* Approved with conditions

S.no.	Detail of Projects	
58	Direct and indirect protection by influenza vaccine given to children in India: Immunogenicity	
	<p>Principal Investigator Dr. Shobha Broor Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA</p> <p>Date of approval September 8, 2010 Total budget Rs 1, 72, 76,176 Duration 12 Months Subject area Influenza</p>
59	Epidemiological study of respiratory pathogens in acute respiratory tract infection among children and elderly in India	
	<p>Principal Investigator Dr. Anand Krishnan Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 21, 82, 50, 000 Duration 60 Months Subject area Other Infectious Diseases</p>
60	Influenza immunization of children in India	
	<p>Principal Investigator Dr. Shobha Broor Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA</p> <p>Date of approval March 12, 2012* Total budget Rs 9, 36, 56,096 Duration 36 Months Subject area Influenza</p>

* *Approved with a suggestion*

S.no.	Detail of Projects	
61	Studies on HRP2 and HRP3 expression in <i>Plasmodium falciparum</i> parasites from endemic States of India: A prospective evaluation	
	Principal Investigator Dr. Neeru Singh Scientist G & Director, Regional Medical Research Centre for Tribals (RMRCT), Nagpur Road, Garha, Jabalpur-482003	Funded by Centers for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA Date of approval June 18, 2012 Total budget Rs 49, 32, 776 Duration 18 Months Subject area Malaria
62	District evaluation study of health: Disseminating evidence on disease control priorities in India	
	Principal Investigator Dr. Shreelata Rao Seshadri Resident Director (Evaluations), St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Center for Global Health Research, University of Toronto, Canada Date of approval September 10, 2012* Total budget Rs 91, 44,405 Duration 36 Months Subject area Health Systems Research
63	Evaluation of point-of-care tests for measurement of CD4+ T- cell absolute count and percentage for the immunological assessment of HIV / AIDS patients	
	Principal Investigator Dr. Madhuri Thakar Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by Clinton Foundation (India office), New Delhi Date of approval March 8, 2011 Total budget Rs 6, 21, 130 Duration 12 Months Subject area HIV/AIDS/ STD

* *Approved with conditions*

S.no.	Detail of Projects	
64	Preparing sites for conducting effectiveness trials of microbicides in India	
	<p>Principal Investigator Dr. Nomita Chandhiok Scientist E, Indian Council Medical Research (ICMR), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Contraceptive Research and Development Program (CONRAD), USA</p> <p>Date of approval March 25, 2008*</p> <p>Total budget Rs 1, 68, 12,960</p> <p>Duration 18 Months</p> <p>Subject area Reproductive Health</p>
65	Molecular assay of insecticide resistance development in major vectors of malaria (<i>Anopheles culicifacies</i> and <i>An.stephensi</i>) in India	
	<p>Principal Investigator Dr. B K Tyagi Scientist F & Officer in Charge, Centre for Research in Medical Entomology (CRME), 4 Sarojani Street, Chinna Chokkikulam, Madurai-625002</p>	<p>Funded by University of Copenhagen, Denmark</p> <p>Date of approval March 25, 2008**</p> <p>Total budget Rs 83, 00,000</p> <p>Duration 36 Months</p> <p>Subject area Malaria</p>
66	Assessment of therapeutic efficacy of Artemether-Lumefantrine in uncomplicated falciparum malaria	
	<p>Principal Investigator Dr. Neena Valecha Scientist G & Director, National Institute of Malaria Research (NIMR), 22, Sham Nath Marg, New Delhi-110054</p>	<p>Funded by Dalarna University College, Sweden</p> <p>Date of approval June 23, 2008</p> <p>Total budget Not Requested</p> <p>Duration 24 Months</p> <p>Subject area Malaria</p>

* Approved with condition

** Approved with condition for technical collaboration only (funded by DST)

S.no.	Detail of Projects	
67	A double blind, randomized parallel, placebo control design study to determine the effect of addition of vitamin D to conventional anti TB therapy	
	Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by Dalhousie University, Internal Medicine Research Foundation, Canada Date of approval June 8, 2009 Total budget Rs 19, 06,200 Duration 24 Months Subject area Tuberculosis
68	Role of probiotics on growth and morbidity in children	
	Principal Investigator Dr. R Hemalatha Scientist E, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by Danisco, Finland Date of approval June 8, 2009 Total budget Rs 39, 59,420 Duration 24 Months Subject area Child Health
69	Monitoring and assessing the impact of vaccination and other childhood interventions for both Boys and Girls	
	Principal Investigator Dr. Anand Krishnan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Danish Government (DANIDA through INDEPTH network) Date of approval June 8, 2011 Total budget Rs 1, 46, 79,226 Duration 48 Months Subject area Child Health

S.no.	Detail of Projects	
70	TB chemoprophylaxis in the household contacts of the AFB sputum positive cases	
	<p>Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by Department for International Development (DFID), United Kingdom</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 4, 73,218</p> <p>Duration 4 Months</p> <p>Subject area HIV/ Tuberculosis</p>
71	Understanding delivery access and utilization of HIV services in Goa and Belgaum	
	<p>Principal Investigator Dr. Raman Gangakhedkar Scientist E, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by Department for International Development (DFID), United Kingdom</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 10, 57,116</p> <p>Duration 8 Months</p> <p>Subject area HIV/AIDS/ STD</p>
72	Study to explore the criteria used by physicians for advising HIV test to TB patients in Pune district	
	<p>Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by Department for International Development (DFID), United Kingdom</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 25, 97, 488</p> <p>Duration 6 Months</p> <p>Subject area HIV/ Tuberculosis</p>

S.no.	Detail of Projects	
73	Impact of professional and peer counseling on adherence to antituberculosis treatment regimens in a TB clinic setting	
	Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by Department for International Development (DFID), United Kingdom Date of approval March 2, 2009 Total budget Rs 6, 53, 708 Duration 7 Months Subject area HIV/ Tuberculosis
74	Current challenges and opportunities for the integration of TB and HIV services for co-infected patients	
	Principal Investigator Dr. Seema Sahay Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by Department for International Development (DFID), United Kingdom Date of approval March 2, 2009 Total budget Rs 3, 20, 136 Duration 8 Months Subject area HIV/ Tuberculosis
75	A multi centric trial to detect in vivo resistance of <i>Plasmodium falciparum</i> to artesunate in patients with uncomplicated malaria	
	Principal Investigator Dr. Neena Valecha Scientist G & Director, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by Department for International Development (DFID), United Kingdom Date of approval September 8, 2011 Total budget Rs 44, 53, 029 Duration 24 Months Subject area Malaria

S.no.	Detail of Projects	
76	PRIME: Programme for improving mental health care	
	Principal Investigator Dr. Vikram Patel Professor, Sangath Centre, 841/1 Alto Porvorim, Goa-403521	Funded by Department for International Development (DFID), United Kingdom Date of approval March 12, 2012* Total budget Rs 6, 84, 12,554 Duration 60 Months Subject area Mental Health
77	A randomized, open-label, parallel group, safety and efficacy study to evaluate different combination treatment regimens (co-administration), of either AmBisome and paromomycin, Ambisome and miltefosine, or paromomycin and miltefosine compared with Amphotericin B deoxycholate (the standard) therapy for the treatment of acute, symptomatic Visceral Leishmaniasis (VL)	
	Principal Investigator Dr. Shyam Sundar Professor, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Funded by Drugs for Neglected Diseases Initiative (DNDi), Switzerland Date of approval March 25, 2008 Total budget Rs 87, 93,750 Duration 18 Months Subject area Leishmaniasis
78	A pilot project to evaluate the safety and effectiveness of new treatment modalities for the management of Visceral Leishmaniasis (VL) in the endemic regions of India	
	Principal Investigator Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agamkuan, Patna-800007	Funded by Drugs for Neglected Diseases Initiative (DNDi), Switzerland Date of approval March 12, 2012 Total budget Rs 29, 56,580 Duration 60 Months Subject area Leishmaniasis

* Approved for AIIMS, New Delhi only with conditions

S.no.	Detail of Projects	
79	Levamisole treatment for children with Steroid Sensitive Nephrotic Syndrome (SSNS): A multi-centre, double-blind, placebo-controlled, randomized clinical trial	
	Principal Investigator Dr. Arvind Bagga Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Dutch Kidney Foundation, Netherlands Date of approval March 25, 2008* Total budget Rs 16, 45,548 Duration 24 Months Subject area Child Health
80	Effect of duloxetine 30/60mg once daily versus placebo in adolescents with juvenile primary fibromyalgia syndrome (Protocol FIJ-MC-HMGW)	
	Principal Investigator Dr. Pratap Sharan Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Eli Lilly & Company (India) Pvt Ltd. Date of approval September 10, 2012** Total budget Rs 22, 75,416 Duration 36 Months Subject area Mental Health
81	Development of a DNA vaccine for Visceral Leishmaniasis (VL)	
	Principal Investigator Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007	Funded by European Union Date of approval December 22, 2008 Total budget Rs 1, 92, 78,000 Duration 36 Months Subject area Leishmaniasis

* Approved with conditions

** Approved for AIIMS, New Delhi only with conditions

S.no.	Detail of Projects	
82	New tools for monitoring drug resistance and treatment response in Visceral Leishmaniasis (VL) in the Indian subcontinent	
	<p>Principal Investigator Dr. Poonam Salotra Scientist E, Institute of Pathology, Safdarjung Hospital Campus, Post Box 4909, New Delhi-110029</p>	<p>Funded by European Union</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 3, 70, 00,000</p> <p>Duration 48 Months</p> <p>Subject area Leishmaniasis</p>
83	Pre-clinical studies of a PSA-based human vaccine candidate targeting visceral, cutaneous and mucocutaneous leishmaniasis and development of the associated procedures for further clinical trials	
	<p>Principal Investigator Dr. Poonam Salotra Scientist E, Institute of Pathology, Safdarjung Hospital Campus, Post Box 4909, New Delhi-110029</p>	<p>Funded by European Union</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 2, 15, 00,000</p> <p>Duration 36 Months</p> <p>Subject area Leishmaniasis</p>
84	Production and delivery of antibody fragments against gastrointestinal pathogens by lactobacilli	
	<p>Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by European Union</p> <p>Date of approval June 8, 2009</p> <p>Total budget Rs 4, 63, 91,916</p> <p>Duration 36 Months</p> <p>Subject area Gastroenterology</p>

S.no.	Detail of Projects	
85	Prevalence and molecular characterization of <i>S. pneumoniae</i> in Chandigarh, North India	
	<p>Principal Investigator Dr. Anuradha Chakraborti Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by European Union</p> <p>Date of approval December 8, 2009</p> <p>Total budget Rs 61, 00, 000</p> <p>Duration 36 Months</p> <p>Subject area Bacteriology</p>
86	Sustaining research momentum over the coming decades mentoring the next generation of researcher for Tuberculosis	
	<p>Principal Investigator Dr. S K Sharma Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by European Union</p> <p>Date of approval December 8, 2009</p> <p>Total budget Rs 92, 00, 000</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
87	Sustaining research momentum over the coming decades mentoring the next generation of researcher for Tuberculosis	
	<p>Principal Investigator Dr. Alladi Mohan Professor & Head, Sri Venkateswara Institute of Medical Sciences, Alipiri Road, Tirupati-517507</p>	<p>Funded by European Union</p> <p>Date of approval December 8, 2009</p> <p>Total budget Rs 92, 00, 000</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>

S.no.	Detail of Projects	
88	The prevalence, cost and basis of Food Allergy in India "EUROPREVALL"	
	<p>Principal Investigator Dr. Mahesh P A Director, Allergy Asthma Associate, 1397, 4th West Cross, Krishnamurthypuram, Mysore-570004</p>	<p>Funded by European Union</p> <p>Date of approval June 8, 2010 Total budget Rs 43, 35,000 Duration 24 Months Subject area Nutrition</p>
89	Use of a Multidrug Pill In Reducing cardiovascular Events (UMPIRE) trial - A randomised controlled trial of fixed combination medication and usual care in those at high risk of cardiovascular disease	
	<p>Principal Investigator Dr. D Prabhakaran Executive Director, Center for Chronic Disease Control (CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi-110016</p>	<p>Funded by European Union</p> <p>Date of approval June 8, 2010* Total budget Rs 5, 78, 52, 206 Duration 36 Months Subject area Cardiovascular Diseases</p>
90	Capacity building program to improve the durability of first line HAART and to scale up low-cost, low-tech disease monitoring techniques	
	<p>Principal Investigator Dr. Anita Shet 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 European Union</p> <p>Date of approval September 8, 2010* Total budget Rs 4, 12, 40,028 Duration 48 Months Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

S.no.	Detail of Projects	
91	Impact of a package of intensive smoking-cessation interventions versus recommended, basic smoking-cessation advice on outcomes in smear-positive patients with pulmonary tuberculosis: A randomized controlled trial	
	Principal Investigator Dr. Alladi Mohan Professor & Head, Sri Venkateswara Institute of Medical Sciences, Alipiri Road, Tirupati-517507	Funded by European Union Date of approval September 8, 2010 Total budget Rs 92, 00,100 Duration 36 Months Subject area Life Style Diseases
92	Impact of a package of intensive smoking-cessation interventions versus recommended, basic smoking-cessation advice on outcomes in smear-positive patients with pulmonary tuberculosis: A randomized controlled trial	
	Principal Investigator Dr. S K Sharma Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by European Union Date of approval September 8, 2010 Total budget Rs 91, 10,220 Duration 36 Months Subject area Life Style Diseases
93	Syndromic approach to Neglected Infectious Diseases (NID) at primary health care level: An international collaboration on integrated diagnosis-treatment platforms	
	Principal Investigator Dr. Shyam Sundar Professor, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Funded by European Union Date of approval March 8, 2011* Total budget Rs 2, 12, 86,646 Duration 60 Months Subject area Other Infectious Diseases

* *Approved with conditions*

S.no.	Detail of Projects	
94	A comparison of two innovative programs using 'push and pull' financial incentives to reduce maternal mortality in two states of India	
	Principal Investigator Dr. Dileep Mavalankar Dean, Indian Institute of Public Health, Gandhinagar, Sardar Patel Institute Campus, Drive-in Road, Thaltej, Ahmedabad-380054	Funded by European Union Date of approval September 8, 2011 Total budget Rs 1, 46, 43,144 Duration 48 Months Subject area Reproductive Health
95	A treatment oriented research project of NCL disorders as a major cause of dementia in childhood	
	Principal Investigator Dr. Pratibha Singhi Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by European Union Date of approval September 8, 2011* Total budget Rs 58, 10, 000 Duration 36 Months Subject area Child Health
96	Protocol for correlating enteropathic severity and small intestinal CYP3A4 activity in patients with celiac disease	
	Principal Investigator Dr. Govind Makharia Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Flamentera AG, Basel, Switzerland Date of approval December 8, 2010 Total budget Rs 11, 00, 000 Duration 12 Months Subject area Gastroenterology

* *Approved with conditions*

S.no.	Detail of Projects	
97	Protocol for correlating enteropathic severity and small intestinal CYP3A4 activity in patients with celiac disease: A follow up study	
	Principal Investigator Dr. Govind Makharia Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Flamentera AG, Basel, Switzerland Date of approval March 12, 2012 Total budget Rs 16, 13,295 Duration 12 Months Subject area Gastroenterology
98	Inhibitor development in Previously Untreated Patients (PUPs) or Minimally Blood Component-Treatment Patients (MBCTPs) when exposed to plasma- derived von willebrand factor-containing factor VIII concentrates and to recombinant factor VIII concentrates: An independent, international, multicentre, prospective, controlled, randomized, open label, clinical trial	
	Principal Investigator Dr. K Ghosh Scientist G & Director, National Institute of Immunohaematology (NIH), 13th Floor, New Multi-Storied Building, KEM Hospital Campus, Mumbai-400012	Funded by Fondazione Angelo Bianchi Bonomi, Italy Date of approval September 8, 2010* Total budget Rs 20, 00,000 Duration 60 Months Subject area Haematology
99	Inhibitor development in Previously Untreated Patients (PUPs) or Minimally Blood Component-Treatment Patients (MBCTPs) when exposed to plasma- derived von willebrand factor-containing factor VIII concentrates and to recombinant factor VIII concentrates: An independent, international, multicentre, prospective, controlled, randomized, open label, clinical trial	
	Principal Investigator Dr.Tulika Seth Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Fondazione Angelo Bianchi Bonomi, Italy Date of approval September 8, 2010** Total budget Rs 20, 00,000 Duration 60 Months Subject area Haematology

* *Approved with conditions*

** *Approval for transfer of 10% biological samples in HMSC meeting held on September 8, 2011*

S.no.	Detail of Projects	
100	Inhibitor development in Previously Untreated Patients (PUPs) or Minimally Blood Component-Treatment Patients (MBCTPs) when exposed to plasma- derived von willebrand factor-containing factor VIII concentrates and to recombinant factor VIII concentrates: An independent, international, multicentre, prospective, controlled, randomized, open label, clinical trial	
	Principal Investigator Dr. Ram Kumar Marwaha Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by Fondazione Angelo Bianchi Bonomi, Italy Date of approval September 8, 2010* Total budget Rs 20, 00,000 Duration 60 Months Subject area Haematology
101	Spatio-epidemiological analysis of dengue in Delhi (AEDES)	
	Principal Investigator Dr. B N Nagpal Scientist E, National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by French National Grant (Agence National de la Recherche), France Date of approval December 10, 2012 Total budget Rs 32, 98,960 Duration 24 Months Subject area Dengue
102	A randomized, multicentre, phase III open label study of the efficacy and safety of Trastuzumab-MCC-DM1 vs. Capecitabine + Lapatinib in patients with HER2-positive locally advanced or metastatic breast cancer who have received prior Trastuzumab based therapy	
	Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Genentech, Inc., USA and Hoffmann La Roche Ltd, Switzerland Date of approval December 8, 2011** Total budget Not Requested Duration 36 Months Subject area Oncology

* Approved with conditions

** Approved for 4 study sites only

S.no.	Detail of Projects	
103	A phase III, open label, randomized, multicenter trial of Ofatumumab added to Chlorambucil vs. Chlorambucil monotherapy in previously untreated patients with chronic lymphocytic leukemia	
	Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Glaxo Smith Kline Date of approval June 18, 2012 Total budget To be decided Duration 24 Months Subject area Oncology
104	A multi-centre, double-blind, randomized, parallel group, active-controlled study to evaluate the efficacy, safety and tolerability of tafenoquine (SB-252263, WR238605) in subjects with <i>Plasmodium vivax</i> malaria	
	Principal Investigator Dr. Anupkumar Anvikar Scientist D, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by Glaxo Smith Kline Date of approval June 18, 2012* Total budget Rs 14, 85,150 Duration 24 Months Subject area Malaria
105	Pilot study of an indicator to measure intrapartum stillbirth and immediate neonatal death (ISINDI)	
	Principal Investigator Dr. Archana Patel Professor & Head, Lata Medical Research Foundation, Kinkine Kutir, Vasant Nagar Colony Near Deeksha Bhoomi Square Nagpur-440022	Funded by Global Alliance through Research Triangle Institute, USA Date of approval March 12, 2012 Total budget Rs 68,000 Duration 6 Months Subject area Child Health

* Approved with conditions

S.no.	Detail of Projects	
106	Pilot study of an indicator to measure Intrapartum Stillbirth and Immediate Neonatal Death (ISINDI)	
	<p>Principal Investigator</p> <p>Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by</p> <p>Global Alliance to Prevent Prematurity and Stillbirth Maternal Health Task Force, USA</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 4, 40,000</p> <p>Duration 6 Months</p> <p>Subject area Reproductive Health</p>
107	Implementation research for point of care diagnosis of visceral leishmaniasis in India	
	<p>Principal Investigator</p> <p>Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007</p>	<p>Funded by</p> <p>Grand Challenges, Canada</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 3, 78, 23,659</p> <p>Duration 36 Months</p> <p>Subject area Leishmaniasis</p>
108	GWCA 1103: A two - part, placebo - controlled, study of the safety and efficacy of sativex oromucosal spray (Sativex®; Nabiximols) as adjunctive therapy in relieving uncontrolled persistent chronic pain in patients with advanced cancer, who have inadequate analgesia even with optimized chronic opioid therapy	
	<p>Principal Investigator</p> <p>Dr. Sushma Bhatnagar Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by</p> <p>GW Pharma Ltd, Wiltshire, UK</p> <p>Date of approval June 18, 2012</p> <p>Total budget Rs 1, 06,080</p> <p>Duration 47 Months</p> <p>Subject area Oncology</p>

S.no.	Detail of Projects	
109	Treatment approaches for pre eclampsia in low resource settings	
	<p>Principal Investigator Dr. Annie Regi Professor & Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by Gynuity Health Projects, USA</p> <p>Date of approval June 8, 2009 Total budget Rs 6, 78,500 Duration 12 Months Subject area Reproductive Health</p>
110	An evaluation of a WHO safe childbirth checklist quality improvement program-single-centre pilot study	
	<p>Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by Harvard School of Public Health, Boston, USA</p> <p>Date of approval September 8, 2010 Total budget Rs 9, 03,232 Duration 6 Months Subject area Child Health</p>
111	Better Birth: trial of the WHO safe childbirth checklist programe	
	<p>Principal Investigator Dr. Vishwajeet Kumar Investigator, Community Empowerment Lab, 3/259 Vishal Khand-III, Gomti Nagar, Lucknow-226010</p>	<p>Funded by Harvard School of Public Health, Boston, USA</p> <p>Date of approval September 10, 2012 Total budget Rs 35, 98,000 Duration 36 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
112	Study of food and nutrient consumption pattern with reference to pearl millet, its processing, cooking and their effect on iron, zinc, phytate and polyphenols retention in women of child bearing age and under five children in Nagpur, a desert district of Rajasthan and a part of Indian pearl millet belt	
	Principal Investigator Dr. Madhu B Singh Scientist E, Desert Medicine Research Centre, New Pali Road, Jodhpur-342005	Funded by Harvest Plus, Washington DC, USA Date of approval March 8, 2010* Total budget Rs 15, 94,740 Duration 12 Months Subject area Nutrition
113	Comparison of mifepristone plus misoprostol and misoprostol alone for inducing abortion at 13 - 20 weeks gestation: A double blind randomized multicentre trial	
	Principal Investigator Dr. Lakhbir Dhaliwal Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by Ibis Reproductive Health and Concept Foundation, Geneva, Switzerland Date of approval March 12, 2012 Total budget Rs 11, 10,806 Duration 18 Months Subject area Reproductive Health
114	Comparison of mifepristone plus misoprostol and misoprostol alone for inducing abortion at 13 - 20 weeks gestation: A double blind randomized multicentre trial	
	Principal Investigator Dr. Suneeta Mittal Professor & Unit Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Ibis Reproductive Health and Concept Foundation, Geneva, Switzerland Date of approval March 12, 2012 Total budget Rs 13, 57,180 Duration 18 Months Subject area Reproductive Health

* Supplementary budget of Rs. 3.72 lakh approved in HMSC meeting held on March 8, 2011

S.no.	Detail of Projects	
115	Tranexamic Acid (TXA) for the treatment of post-partum haemorrhage: An international randomized, double blind placebo controlled trial	
	Principal Investigator Dr. Malabika Roy Head, Indian Council Medical Research (ICMR), Ansari Nagar, New Delhi-110029	Funded by ICMR under ICMR-London School of Hygiene and Tropical Medicine, United Kingdom, MoU Date of approval December 8, 2011* Total budget Rs 59, 59,000 Duration 48 Months Subject area Reproductive Health
116	Overweight and obesity in Asian Indian children in India and Canada: Multi-level determinants, functional consequences and novel mechanism	
	Principal Investigator Dr. Mario Vaz Professor & Head, St. Johns Medical College and Institute of Population Health and Clinical Research(IPHCR) , St. Johns Research Institute, Sarjapur Road, Bangalore-560034	Funded by ICMR under ICMR - Canadian Institutes of Health Research (CIHR), Canada MoU Date of approval September 8, 2010 Total budget Rs 48, 86,700 Duration 36 Months Subject area Child Health
117	Understanding the determinants of adiposity among newborns of Indian ancestry in Canada and India: The South Asian Birth Cohort (START)	
	Principal Investigator Dr. Krishnamachari Srinivasan Vice Dean, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by ICMR under ICMR - Canadian Institutes of Health Research (CIHR), Canada MoU Date of approval September 8, 2010 Total budget Rs 49, 56, 880 Duration 36 Months Subject area Child Health

* Approved only for 17 centres with certain conditions and funds of Rs 93, 28,000 from LSHTM & Rs 59, 59,000 from ICMR

S.no.	Detail of Projects	
118	Foundational work for a brain to society diagnostic for prevention of childhood obesity and its chronic diseases consequences	
	<p>Principal Investigator Prof. Narendra K Arora Director, International Clinical Epidemiology Network (INCLIN), Executive office, F-1/5, 2nd Floor, Okhla Industrial Area, Phase - I New Delhi-110020</p>	<p>Funded by ICMR under ICMR - Canadian Institutes of Health Research (CIHR), Canada MoU</p> <p>Date of approval March 8, 2011 Total budget Rs 50, 00, 000 Duration 60 Months Subject area Child Health</p>
119	Hepatitis C Virus-Human Immunodeficiency Virus co-infection: Immune mechanisms, viral interactions and pathogenesis	
	<p>Principal Investigator Dr. S K Sarin Institute of Liver Biliary Sciences, New Delhi Dr. Shahid Jameel International Centre for Genetic Engineering & Biotechnology, New Delhi Dr. Rajni Rani National Institute of Immunology, New Delhi & Dr. S Mahalingam Indian Institute of Technology- Madras, Chennai</p>	<p>Funded by ICMR under ICMR-Helmholtz Association (HGF), MoU</p> <p>Date of approval June 23, 2008* Total budget Rs 2, 24, 47,756 Duration 36 Months Subject area HIV/AIDS/ STD</p>
120	Novel strategies to combat cholera	
	<p>Principal Investigator Dr. Ranjan Kumar Nandy Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by ICMR under ICMR-Helmholtz Association (HGF), MoU</p> <p>Date of approval June 23, 2008 Total budget Rs 35, 76,600 Duration 36 Months Subject area Diarrhoeal Diseases</p>

* Extension of project with additional funds of Rs.38, 30,435 endorsed in HMSC meeting held on June 18, 2012

S.no.	Detail of Projects	
121	Novel strategies to combat leishmaniasis	
	<p>Principal Investigator Dr. Bhaskar Saha Scientist E, National Center for Cell Science, Ganeshkhind, Pune-411007</p> <p>Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007</p>	<p>Funded by ICMR under ICMR-Helmholtz Association (HGF), MoU</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 1, 05, 33,612</p> <p>Duration 36 Months</p> <p>Subject area Leishmaniasis</p>
122	Implications of the interferon system & immunogenetic basis of resistance to HIV -1 infection and disease progression	
	<p>Principal Investigator Prof. Narinder K. Mehra Associate Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p> <p>Dr. Gurvinder Kaur Scientist, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under ICMR-Helmholtz Association (HGF), MoU</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 59, 73,897</p> <p>Duration 36 Months</p> <p>Subject area HIV/AIDS/ STD</p>
123	Study of Hepatitis B Virus (HBV) resistance patterns in patients with chronic infection during therapy with nucleoside and nucleotide analogues	
	<p>Principal Investigator Dr. Abhijit Chowdhury Associate Professor, Institute of Post Graduate Medical Education and Research (IPGMER), 244 B, Acharya Jagadish Chandra Bose Road, Kolkata-700020</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 37, 23,391</p> <p>Duration 24 Months</p> <p>Subject area Other Infectious Diseases</p>

S.no.	Detail of Projects	
124	Bardet-Bield syndrome: Molecular epidemiology and identification of novel genes in the Indian cohort	
	<p>Principal Investigator Dr. S Sripriya Lecturer, Sankara Nethralaya Medical and Vision Research Foundation, 18, College Road, Nugambakkam, Chennai-600006</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval March 2, 2009*</p> <p>Total budget Rs 28, 74,400</p> <p>Duration 36 Months</p> <p>Subject area Genomics</p>
125	Designing a biobank for biological samples collected from a megastudy on acute coronary events in Indians	
	<p>Principal Investigator Dr. Meenakshi Sharma Scientist D, Indian Council Medical Research (ICMR), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval June 8, 2009**</p> <p>Total budget Rs 44, 58, 000</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases</p>
126	NK cell response diversity and cytokine/transcription factor profiles in SLE & RA South Indian patients	
	<p>Principal Investigator Dr. Vir Singh Negi Professor, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Dhanvantri Nagar, Puducherry-605006</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval June 8, 2009***</p> <p>Total budget Rs 42, 34, 000</p> <p>Duration 24 Months</p> <p>Subject area Immunology</p>

* Change of PI from Dr G Kumaramanickavel to Dr S Sripriya endorsed in HMSC meeting held on September 8, 2009. Extension of project with additional funds of Rs 8, 55,724 approved in HMSC meeting held on June 8, 2011

** Extension of project w.e.f. October 1, 2011 to May 31, 2012 with additional budget of Rs 20 lakh endorsed in HMSC meeting held on June 8, 2011

*** No cost extension for one year approved in HMSC meeting held on December 8, 2011

S.no.	Detail of Projects	
127	<i>Mycobacterium tuberculosis</i> and human dendritic cells: Deciphering molecular interactions of novel cell wall antigens	
	Principal Investigator Dr. K N Balaji Assistant Professor, Indian Institute of Science, Gulmohar Marg, Mathikere Banaglore-560012	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2009 Total budget Rs 37, 81, 200 Duration 24 Months Subject area Tuberculosis
128	Evaluation of cellular and immune response in mice and patients with acute promyelocytic leukemia treated with arsenic trioxide	
	Principal Investigator Dr. Vikram Mathew Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2010 Total budget Rs 52, 67,800 Duration 24 Months Subject area Oncology
129	Cerebellum and cortical plasticity: The case of dystonia	
	Principal Investigator Dr. Asha Kishore Professor, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Trivandrum, Thiruvananthapuram-695011	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2010 Total budget Rs 9, 23,440 Duration 24 Months Subject area Neurosciences

S.no.	Detail of Projects	
130	Phenotypic and genotypic correlation of Autoimmune Lymphoproliferative Syndrome (ALPS)	
	<p>Principal Investigator Dr. K Ghosh Scientist G & Director, National Institute of Immunohaematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval June 8, 2010[*] Total budget Rs 45, 59,600 Duration 24 Months Subject area Genomics</p>
131	Influence of CYP2C9, VKORC1 and CYP4F2 genetic polymorphism on plasma warfarin levels and development of an algorithm for initiating warfarin therapy in south Indian population	
	<p>Principal Investigator Dr. D G Shewade Professor, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry-605006</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval June 8, 2010^{**} Total budget Rs 45, 45,640 Duration 24 Months Subject area Genomics</p>
132	Pharmaco-genetics of cytarabine and daunorubicin resistance in the leukemic stem cell compartment in acute myeloid leukemia	
	<p>Principal Investigator Dr. Poonkuzhali Balasubramanian Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by ICMR under ICMR-INSERM MoU</p> <p>Date of approval June 8, 2010^{***} Total budget Rs 20, 07,000 Duration 24 Months Subject area Oncology</p>

* Not approved by Joint Working Group of ICMR-INSERM

** Extension of the project for six months endorsed in HMSC meeting held on March 8, 2013

*** Approved with conditions

S.no.	Detail of Projects	
133	Molecular genetic profile of congenital stationary night blindness in India using Arrayed Primer Extension Technology (APEX) and direct sequencing to associate with disease phenotype	
	Principal Investigator Dr. Parveen Sen Senior Consultant, Sankara Nethralaya Medical and Vision Research Foundation, 41/18 College Road, Nugambakkam, Chennai-600006	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2010* Total budget Rs 32, 13, 500 Duration 24 Months Subject area Genomics
134	Clinical relevance of MICA and NKG2D genetic and phenotypic diversity in renal transplantation	
	Principal Investigator Prof. Narinder K Mehra Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2010** Total budget Rs 54, 66, 729 Duration 24 Months Subject area Genomics
135	Proteolytic antibodies in immune mediated and infectious conditions: Role in health, disease and therapeutic implications	
	Principal Investigator Dr. K Ghosh Scientist G & Director, National Institute of Immunohaematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012	Funded by ICMR under ICMR-INSERM MoU Date of approval June 8, 2011 Total budget Rs 2, 00, 00,000 Duration 48 Months Subject area Haematology

* Change of PI from Dr. Madhavan Jagadeesan to Dr. Praveen Sen endorsed in HMSC meeting held on September 8, 2011

** One year extension with additional budget of Rs. 9, 16,812 approved with conditions in HMSC meeting held on June 18, 2012

S.no.	Detail of Projects	
136	A pragmatic and scalable strategy using mobile technology to promote sustained lifestyle changes to prevent Type 2 diabetes in India and the UK	
	<p>Principal Investigator Dr. A Ramachandran President, Indian Diabetes Research Foundation, No. 28 Marshall Road, Egmore, Chennai-600008</p>	<p>Funded by ICMR under ICMR-Medical Research Council (MRC), United Kingdom MoU</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 97, 77,690</p> <p>Duration 36 Months</p> <p>Subject area Diabetes</p>
137	Maternal vitamin B12, folic acid and homocysteine as determinants of gestational diabetes, fetal growth and inter-generational programming of diabetes	
	<p>Principal Investigator Dr. Chittaranjan S Yajnik Director, KEM Hospital & Research Centre, 6th Floor, Banoo Coyaji Building, Rasta Peth, Pune-411011</p>	<p>Funded by ICMR under ICMR-Medical Research Council (MRC), United Kingdom MoU</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 99, 79,220</p> <p>Duration 48 Months</p> <p>Subject area Diabetes</p>
138	Phenotypic characterization of non-smoking COPD	
	<p>Principal Investigator Dr. Sundeep Santosh Salvi Director, Chest Research Foundation, Marigold Complex, Kalyaninagar, Pune-411014</p>	<p>Funded by ICMR under ICMR-Medical Research Council (MRC), United Kingdom MoU</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 1, 06, 46,106</p> <p>Duration 42 Months</p> <p>Subject area Pulmonary Diseases</p>

S.no.	Detail of Projects	
139	Effects of a yoga-based cardiac rehabilitation programme (Yoga-CARE) on cardiovascular health: A clinical trial (India) and mechanistic study (UK)	
	Principal Investigator Dr. D Prabhakaran Executive Director, Center for Chronic Disease Control (CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi-110016	Funded by ICMR under ICMR-Medical Research Council (MRC), United Kingdom MoU Date of approval September 10, 2012 Total budget Rs 1, 00, 06,170 * Duration 24 Months Subject area Cardiovascular Diseases
140	Development of blood outgrowth endothelial cell and nanofiber scaffold synergy in wound healing	
	Principal Investigator Dr. Shantikumar V Nair Dean of Research, Amrita Vishwa Vidyapeetham, AIMS Ponekkara Post, Kochi-682041	Funded by ICMR under ICMR-University of Minnesota (UoM), USA MoU Date of approval March 8, 2011** Total budget Rs 4, 56,000 Duration 12 Months Subject area Diabetes
141	Diabetes: Genetic susceptibility in the population	
	Principal Investigator Dr. V Mohan Director, Madras Diabetes Research Foundation, No-4, Conran Smith Road, Gopalapuram, Chennai-600086	Funded by ICMR under ICMR-University of Minnesota (UoM), USA MoU Date of approval March 8, 2011*** Total budget Rs 47, 90,000 Duration 24 Months Subject area Diabetes

* Rs 1,00, 06,170 from ICMR, India & Rs 1,77,56,738 from MRC, UK

** Extension for a period of one year with additional funds of Rs.8.1 lakhs approved in HMSC meeting held on September 10, 2012

*** Extension for a period of six months with no additional funds approved in HMSC meeting held on September 10, 2012

S.no.	Detail of Projects	
142	HLA haplotype frequency analysis within India: Pre-requisite for bone marrow donor registry and cord blood bank planning	
	<p>Principal Investigator Dr. Dolly Daniel Professor & Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by ICMR under ICMR-University of Minnesota (UoM), USA MoU</p> <p>Date of approval March 8, 2011</p> <p>Total budget Rs 39, 26,120</p> <p>Duration 24 Months</p> <p>Subject area Oncology</p>
143	Persistent organic pollutants - environmental risk factors for diabetes mellitus? - A case control study	
	<p>Principal Investigator Dr. R Sankaran Director, PSG Institute of Medical Sciences and Research, Off Avanashi Road, Peelamedu, Coimbatore-641004</p>	<p>Funded by ICMR under ICMR-University of Minnesota (UoM), USA MoU</p> <p>Date of approval March 8, 2011</p> <p>Total budget Rs 25, 60,000</p> <p>Duration 36 Months</p> <p>Subject area Diabetes</p>
144	Development of chimeric genetic vaccine against Human Papillomavirus type 16	
	<p>Principal Investigator Dr. Mausumi Bhardwaj Scientist E, Institute of Cytology and Preventive Oncology (ICPO), 1-7, Sector-39, Near Degree College, NOIDA-201301</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval June 23, 2008*</p> <p>Total budget Rs 33, 33,600</p> <p>Duration 36 Months</p> <p>Subject area Oncology</p>

* The extension for one year with additional funds of Rs.10, 04,800 was endorsed in HMSC meeting held on September 10, 2012

S.no.	Detail of Projects	
145	The Influence of O-acetylated cell surface-expressed sialoglycans on angiogenesis of bone marrow associated leukemias	
	Principal Investigator Dr. Chitra Mandal Deputy Director, Indian Institute of Chemical Biology, 4, Raja S C Mullick Road, Kolkata-700032	Funded by ICMR under Indo-German Programme Date of approval June 23, 2008 Total budget Rs 29, 09,000 Duration 36 Months Subject area Oncology
146	Emergency data-based syndromic surveillance in India	
	Principal Investigator Dr. G V Ramana Rao Executive Partner, GVK Emergency Management and Research Institute (EMRI), Devar Yamzal, Medchal Road, Secunderabad-500014	Funded by ICMR under Indo-German Programme Date of approval March 2, 2009* Total budget Rs 4, 00,000 Duration 18 Months Subject area Other Infectious Diseases
147	Molecular and phenotypic characterization of virulence and resistance determinants in hospital and community acquired isolates of <i>Staphylococcus aureus</i> from Chennai, South India	
	Principal Investigator Dr. Padma Krishnan Lecturer, Dr. ALM Post-Graduate Institute of Basic Medical Sciences, University of Madras, Taramani, Chennai-600113	Funded by ICMR under Indo-German Programme Date of approval March 2, 2009** Total budget Rs 25, 88,000 Duration 24 Months Subject area Bacteriology

* Change of PI from Dr. Anil Jampala to Dr. G V Ramana Rao endorsed in HMSC meeting held on March 8, 2011

** Extension for one year with additional funds of Rs 13, 62,724 endorsed in HMSC meeting held on March 12, 2012

S.no.	Detail of Projects	
148	Molecular epidemiology of Group A streptococcus in North India: Identification of region-specific vaccine candidates	
	<p>Principal Investigator Dr. Atul Kumar Johri Assistant Professor, Jawaharlal Nehru University, New Mehrauli Road, New Delhi-110067</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval March 2, 2009*</p> <p>Total budget Rs 18, 41,840</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases</p>
149	Structure- function relationship in a circularly permuted GTPase from <i>Mycobacterium tuberculosis</i> for the development of novel anti- bacterial drug targets	
	<p>Principal Investigator Dr. Balaji Prakash Associate Professor, Indian Institute of Technology (Kanpur), Kalyanpur, Kanpur-208016</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 23, 51,490</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>
150	Genome wide reconstruction and analysis of <i>Bacillus anthracis</i> metabolic network and its transcriptional regulation	
	<p>Principal Investigator Dr. Rakesh Bhatnagar Professor, Jawaharlal Nehru University, New Mehrauli Road, New Delhi-110067</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval June 8, 2009</p> <p>Total budget Rs 29, 91,600</p> <p>Duration 24 Months</p> <p>Subject area Genomics</p>

* Approved for JNU, New Delhi only

S.no.	Detail of Projects	
151	Investigations on the therapeutic potential applications of PSA mimetics in cell culture and mouse models of brain injury and disease	
	Principal Investigator Dr. Gurcharan Kaur Professor, Guru Nanak Dev University, G. T Road, National Highway, Amritsar-143005	Funded by ICMR under Indo-German Programme Date of approval December 8, 2010 Total budget Rs 52, 78,000 Duration 24 Months Subject area Neurosciences
152	Molecular pathogenesis of streptococcal edocarditis	
	Principal Investigator Dr. Thangam Menon Professor & Head, Dr. ALM Post-Graduate Institute of Basic Medical Sciences, University of Madras, Taramani, Chennai-600113	Funded by ICMR under Indo-German Programme Date of approval December 8, 2010* Total budget Rs 30, 88,087 Duration 24 Months Subject area Bacteriology
153	Study of immunological determinants at the lesional site of patients with Post kala-azar dermal Leishmaniasis	
	Principal Investigator Dr. Mitali Chatterjee Associate Professor, Institute of Post Graduate Medical Education and Research (IPGMER), 244 B, Acharya Jagadish Chandra Bose Road, Kolkata-700020	Funded by ICMR under Indo-German Programme Date of approval December 8, 2010** Total budget Rs 10, 01,000 Duration 24 Months Subject area Leishmaniasis

* Extension of the project for three months endorsed in HMSC meeting held on March 8, 2013

** Approved with condition

S.no.	Detail of Projects	
154	Studies on the antibiotic and heavy metal resistance of some bacterial strains, obtained from natural environments of Germany and India	
	<p>Principal Investigator Dr. M K Chattopadhyay Scientist E II, Center for Cellular and Molecular Biology, Uppal Road, Hyderabad-500007</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval December 8, 2010*</p> <p>Total budget Rs 1, 15,000</p> <p>Duration 12 Months</p> <p>Subject area Bacteriology</p>
155	Virulence profiling of <i>Listeria monocytogenes</i> isolated from food, veterinary and clinical sources	
	<p>Principal Investigator Dr. D R Kalorey Professor & Head, Nagpur Veterinary College, Seminary Hills, High Land Drive, Nagpur-440006</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval December 8, 2010**</p> <p>Total budget Rs 10, 44,000</p> <p>Duration 24 Months</p> <p>Subject area Bacteriology</p>
156	Nano-carriers for intra-cutaneous targeting in management of skin cancer & skin diseases	
	<p>Principal Investigator Dr. M S Nagarsenker Professor & Head, Bombay College of Pharmacy, Sunder Nagar, Kalina, Santacruz (E), Mumbai-400098</p>	<p>Funded by ICMR under Indo-German Programme</p> <p>Date of approval March 8, 2011</p> <p>Total budget Rs 10, 67, 000</p> <p>Duration 24 Months</p> <p>Subject area Oncology</p>

* Project not initiated since not sanctioned from German side

** Approved with conditions

S.no.	Detail of Projects	
157	Validation of PARF peptide from streptococci as a marker for acute rheumatic fever and rheumatic heart disease	
	Principal Investigator Dr. Rajesh Kumar Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by ICMR under Indo-German Programme Date of approval March 8, 2011* Total budget Rs 37, 53, 818 Duration 24 Months Subject area Cardiovascular Diseases
158	Environmental predictors of water safety and enteric infections in vulnerable populations	
	Principal Investigator Dr. Vinohar Balraj Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004	Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health) Date of approval March 2, 2009 Total budget Rs 30, 00,850 Duration 24 Months Subject area Environmental Health
159	Mechanistic analysis of cadmium-induced cardiovascular disease	
	Principal Investigator Dr. Suvro Chatterjee Faculty Scientist, Madras Institute of Technology (MIT), Anna University, Chennai-600044	Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health) Date of approval March 2, 2009* Total budget Rs 29, 95,300 Duration 36 Months Subject area Environmental Health

* Approved with conditions

S.no.	Detail of Projects	
160	Reducing pesticide toxicity in exposed population of Punjab by targeting NRF2 pathway	
	<p>Principal Investigator Dr. J S Thakur Associate Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 2, 2009*</p> <p>Total budget Rs 29, 95,000</p> <p>Duration 18 Months</p> <p>Subject area Environmental Health</p>
161	Economic evaluation of interventions to prevent manual material handling injuries in the informal labour sector	
	<p>Principal Investigator Dr. Somnath Gangopadhyay Reader, University College of Science and Technology, Senate House, 87 /1 College Street, Kolkata-700073</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval June 8, 2009</p> <p>Total budget Rs 25, 94, 500</p> <p>Duration 36 Months</p> <p>Subject area Environmental Health</p>
162	Comparative genomic hybridization and mitochip array analysis of individuals with and without arsenic induced skin lesions	
	<p>Principal Investigator Dr. Ashok Giri Deputy Director, Indian Institute of Chemical Biology, 4, Raja S C Mullick Road, Kolkata-100032</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 8, 2011</p> <p>Total budget Rs 15, 17, 000</p> <p>Duration 12 Months</p> <p>Subject area Environmental Health</p>

* Approved with conditions

S.no.	Detail of Projects	
163	Effect of indoor air pollution on women and children in India	
	<p>Principal Investigator Dr. Rekha Kashyap Scientist E, National Institute of Occupational Health (NIOH), Meghani Nagar, Ahmedabad-380016</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 8, 2011 Total budget Rs 77, 58, 400 Duration 48 Months Subject area Environmental Health</p>
164	Exposure on household air pollution in central and northern India: Assessing the benefits from improved biomass cook-stoves	
	<p>Principal Investigator Dr. Kalpana Balakrishnan Professor & Head, Sri Ramachandra University, No.1 Ramachandra Nagar, Porur, Chennai-600116</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 8, 2011 Total budget Rs 1, 07, 31,594 Duration 48 Months Subject area Environmental Health</p>
165	Potential role of biomarkers and gene-environment interactions in subject population exposed to indoor air pollution	
	<p>Principal Investigator Dr. Veena Dhawan Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 8, 2011 Total budget Rs 3, 97, 53,016 Duration 48 Months Subject area Environmental Health</p>

S.no.	Detail of Projects	
166	Randomized controlled trial to assess the effectiveness of an improved stove in reducing household indoor air pollution and its impact on low birth weight and morbidity in young infants	
	<p>Principal Investigator Dr. Archana Patel Professor & Head, Lata Medical Research Foundation, Kinkine Kutir, Vasant Nagar Colony Near Deeksha Bhoomi Square, Nagpur-440022</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval March 8, 2011 *</p> <p>Total budget Rs 3, 76, 25, 485</p> <p>Duration 42 Months</p> <p>Subject area Environmental Health</p>
167	Impact of indoor air pollution on respiratory health: A population based adult cohort study	
	<p>Principal Investigator Dr. Surinder K Jindal Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 1, 95, 04, 000</p> <p>Duration 48 Months</p> <p>Subject area Environmental Health</p>
168	Magnitude and impact of indoor air pollution on morbidity related to chronic obstructive pulmonary disease and bronchial asthma in Indian women	
	<p>Principal Investigator Dr. Ashutosh N Aggarwal Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health)</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 1, 26, 76,000</p> <p>Duration 48 Months</p> <p>Subject area Environmental Health</p>

* Approved with condition

S.no.	Detail of Projects	
169	Indoor air pollution and asthma exacerbation in children: A population based study	
	Principal Investigator Dr. Raj Kumar Head, Vallabhbhai Patel Chest Institute, University of Delhi, Guru Tegh Bahadur Rd, New Delhi-110007	Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health) Date of approval December 8, 2011 Total budget Rs 2, 20, 69, 190 Duration 36 Months Subject area Environmental Health
170	Identification and validation of early biomarkers for predicting toxicity including precarcinogenic lesions in individuals occupationally exposed to Polycyclic Aromatic Hydrocarbons (PAHs) and through tobacco use	
	Principal Investigator Dr. Devendra Parmer Deputy Director, Indian Institute of Toxicology Research (A constituent laboratory of Council of Scientific and Industrial Research), M G Marg, Lucknow-226001	Funded by ICMR under Indo-US Joint Statement (Environmental & Occupational Health) Date of approval March 12, 2012 Total budget Rs 85, 15, 040 Duration 36 Months Subject area Environmental Health
171	Autophagy as a mechanism of innate immunity against HIV: postnatal development and regulation by C-Tat vs. B-Tat	
	Principal Investigator Dr. Udaykumar Ranga Associate Professor, Jawaharlal Nehru Centre for Advance Science Research (JNCASR), Jakkur (PO), Bangalore-560064	Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval June 8, 2011* Total budget Rs 21, 84,000 Duration 24 Months Subject area HIV/AIDS/ STD

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

S.no.	Detail of Projects	
172	Consequences of HIV-1 and JC virus co-infection in human neural precursor cells: Implications in neuroAIDS patients	
	<p>Principal Investigator Dr. Pankaj Seth Additional Professor, National Brain Research Center, NH-8, Nainwat road, Manesar, Gurgaon-122050</p>	<p>Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011[*]</p> <p>Total budget Rs 37, 29,680</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
173	Determinants of HIV-1 male to female sexual transmission: Effects of herpesvirus on semen mediated HIV-1 transmission to cervico vaginal tissues <i>ex-vivo</i>	
	<p>Principal Investigator Dr. Sarman Singh Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011^{**}</p> <p>Total budget Rs 46, 19,059</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
174	An accurate point of care diagnostic for HIV detection without follow up	
	<p>Principal Investigator Dr. Vaijyanti Kumar Scientist F, National Chemical Laboratory, Dr Homi Bhabha Road, Pune-411008</p>	<p>Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 49, 75,000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

** Approved with suggestions

S.no.	Detail of Projects	
175	Improving cervical cancer prevention among HIV-infected women using novel HPV based biomarker assays	
	Principal Investigator Dr. Sanjay Mehendale Scientist G & Director, National Institute of Epidemiology, R-127, 3rd Avenue, Tamil Nadu Housing Board, Ayapakkam, Chennai-600077	Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011 Total budget Rs 63, 25,426 Duration 24 Months Subject area HIV/AIDS/ STD
176	Rapid screening of pathogens in patient's sera by novel nano biosensors	
	Principal Investigator Dr. K P Singh Professor, G B Pant University of Agriculture and Technology, Pant Nagar-263145	Funded by ICMR & DBT under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011 Total budget Rs 49, 95,000 * Duration 24 Months Subject area HIV/AIDS/ STD
177	Evaluation of efficacy of a polyherbal (Basant) and anti-HIV vaginal microbicide in humanized mouse model and its mode of action	
	Principal Investigator Dr. Smita S Kulkarni Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval December 22, 2008 ** Total budget Rs 52, 53,360 Duration 24 Months Subject area HIV/AIDS/ STD

* Funded by DBT

** Extension approved in HMSC meeting held on December 10, 2012 without additional funds for two months

S.no.	Detail of Projects	
178	Curcumin: A multi mechanism HIV microbicide	
	<p>Principal Investigator Dr. Anand K Kondapi Professor, University of Hyderabad, Prof. C. R. Road, Gachibowli, Hyderabad-500046</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 38, 35,720</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
179	Assessing willingness to participate and methods for improving adherence and self-reporting among high risk women in India: A simulated microbicide trial	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 33, 00,000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
180	Social/sexual networks of high risk married MSM in Mumbai	
	<p>Principal Investigator Dr. Raman Gangakhedkar Scientist E, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 13, 00,863</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
181	Enhancing HIV risk reduction among Indian women with risky husbands (Raising HIV Awareness among Non-Infected Indian (RHANI) Wives: HIV Risk Reduction Intervention for at Risk Wives in India)	
	<p>Principal Investigator</p> <p>Dr. Balaiah Donta Scientist F , National Institute of Research in Reproductive Health (NIRRH), Jehangir Merwanji Street, Parel, Mumbai-400012</p>	<p>Funded by</p> <p>ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 67, 73,932</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
182	Addressing psychosocial needs and HIV risk in Indian MSM	
	<p>Principal Investigator</p> <p>Dr. Beena E Thomas Scientist B, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031</p>	<p>Funded by</p> <p>ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 23, 95,490</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
183	Determine immune based interventions that can enhance NK cell & T cell functions in HIV+ persons with TB	
	<p>Principal Investigator</p> <p>Dr. Vijaya Lakshmi Valluri Group Leader, LEPRA Society, Blue Peter Research Center, Near TEC Building, Cherlapally, Hyderabad-501301</p>	<p>Funded by</p> <p>ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 50, 00, 000</p> <p>Duration 24 Months</p> <p>Subject area HIV/ Tuberculosis</p>

S.no.	Detail of Projects	
184	Incidence of HIV among Indian men who have sex with men	
	<p>Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 80, 04, 363</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
185	Mental health, substance use and violence: Effectiveness of a mental health intervention to reduce HIV risk behaviors in female sex workers in Bangalore	
	<p>Principal Investigator Dr. Prabha S Chandra Professor, National Institute of Mental Health & Neuro Sciences (NIMHANS), Bangalore-560029</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011 *</p> <p>Total budget Rs 26, 77,920</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
186	Molecular mechanisms & therapy for cocaine abuse in HIV Associated Neuro-cognitive Disorder (HAND)	
	<p>Principal Investigator Dr. Pankaj Seth Additional Professor, National Brain Research Center, NH-8 Nainwal Road, Manesar, Gurgaon-122051</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 35, 67,600</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

S.no.	Detail of Projects	
187	HIV prevention via mobile phones among male sex workers in India	
	Principal Investigator Dr. Beena E Thomas Scientist B, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011* Total budget Rs 30, 62,468 Duration 24 Months Subject area HIV/AIDS/ STD
188	HIV, intestinal microbiota and ART	
	Principal Investigator Dr. Rita Isaac Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011 Total budget Rs 56, 56,000 Duration 24 Months Subject area HIV/AIDS/ STD
189	HPV related neoplasia among HIV seropositive Indian men who have sex with men	
	Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011 Total budget Rs 78, 25,066 Duration 24 Months Subject area HIV/AIDS/ STD

* Approved with suggestions

S.no.	Detail of Projects	
190	Internet-based HIV prevention for Indian MSM	
	<p>Principal Investigator Dr. Asha Banu Soletti Associate Professor, Tata Institute of Social Sciences, Post Box-8313, Sion-Trombay Road, Mumbai-400088</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 25, 00,000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
191	Rapid diagnosis of early TB in HIV+patients	
	<p>Principal Investigator Dr. Indu Verma Additional Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 59, 71,528</p> <p>Duration 24 Months</p> <p>Subject area HIV/ Tuberculosis</p>
192	SHAKTI: Stigma reduction, Health care provider Awareness and Knowledge enhancement on Transgender Issues in India	
	<p>Principal Investigator Dr. Hemangi Jerajani Professor & Head, LTMG Hospital & LTM Medical College, Sion, Mumbai-400022</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval September 8, 2011*</p> <p>Total budget Rs 22, 63,675</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* *Approved with suggestions*

S.no.	Detail of Projects	
193	The role of Vitamin D in the prevention of Mtb disease in HIV-infected individual	
	Principal Investigator Dr. Sanjeev Sinha Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval September 8, 2011* Total budget Rs 48, 48,656 Duration 24 Months Subject area HIV/ Tuberculosis
194	Mobile phone adherence and prevention support for people living with HIV in India(revised title : ART Adherence behavior and practices among HIV positive in Kolkata, India)	
	Principal Investigator Dr. Smarajit Jana Chief Technical Advisor, Durbar Mahila Samanwaya Committee (DMSC), 44 Balaram Dey Street, Kolkata-700006	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval March 12, 2012 Total budget Rs 46, 07,238 Duration 24 Months Subject area HIV/AIDS/ STD
195	Alcohol, sexual risk and adherence in public and private ART centers in India	
	Principal Investigator Dr. Vinay Kulkarni Coordinator, Amrita Clinic, Athawale Corner Building, Near Sambhaji Bridge, Karve Road, Pune-411004	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval December 10, 2012* Total budget Rs 49, 99, 718 Duration 24 Months Subject area HIV/AIDS/ STD

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

S.no.	Detail of Projects	
196	Cervical cancer patient navigation among women living with HIV in Surat, India	
	<p>Principal Investigator Dr. J K Kosambiya Professor, Govt. Medical College, Majura Gate, Surat-395001</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012 *</p> <p>Total budget Rs 38, 16, 590</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
197	Development of maturation inhibitors as a globally effective class of antiretrovirals	
	<p>Principal Investigator Dr. Ritu Gaur Associate Professor, South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi-110021</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 50, 00, 000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
198	Development of novel targeted nano – therapeutics against HIV – 1	
	<p>Principal Investigator Prof. Rinti Banerjee Professor, Indian Institute of Technology- Bombay, Mumbai, Powai, Mumbai-400076</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012 **</p> <p>Total budget Rs 82, 88, 000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

** Approved with condition

S.no.	Detail of Projects	
199	HIV drug resistance monitoring in Chennai, India	
	<p>Principal Investigator Dr. S Saravanan Assistant Professor, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012 *</p> <p>Total budget Rs 49, 98, 454</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
200	Identification of immunogenetic factors that regulate the risk of HIV / AIDS: A comparative study of Indian and American populations	
	<p>Principal Investigator Prof. Narinder K Mehra Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 49, 83, 225</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
201	Implementing DRISHTI: Reducing HIV risk among sex workers with depression	
	<p>Principal Investigator Dr. Smarajit Jana Chief Technical Advisor, Durbar Mahila Samanwaya Committee (DMSC), 44 Balaram Dey Street, Kolkata-700006</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012 **</p> <p>Total budget Rs 55, 72,157</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* *Approved with condition*** *Conditional approval granted only for formative part of the study for one year*

S.no.	Detail of Projects	
202	MicroRNAs as markers of disease and pathogenesis in HIV / TB co-infection	
	<p>Principal Investigator Dr. Shahid Jameel Group Leader, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi-110067</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012*</p> <p>Total budget Rs 50, 39, 000</p> <p>Duration 24 Months</p> <p>Subject area HIV/Tuberculosis</p>
203	Multi-level intervention among HIV-positive men who have sex with men (MSM) in India	
	<p>Principal Investigator Dr. Venkatesan Chakrapani Director, Centre for Sexuality and Health Research and Policy (C-SHaRP), 38 (Old No.167), Rangarajapuram Main Road, Kodambakkam, Chennai-600024</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012**</p> <p>Total budget Rs 56, 95,440</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
204	Pathobiology and clinical profile of HIV-associated cancers in India and the West	
	<p>Principal Investigator Dr. Aruna Alahari Dhir Professor & Head, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012**</p> <p>Total budget Rs 34, 15,000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

** Approved with conditions

S.no.	Detail of Projects	
205	Rapid detection of human immunodeficiency virus using hand held SERS platform	
	Principal Investigator Dr. J P Singh Professor, Indian Institute of Technology- New Delhi, Hauz Khas, New Delhi-110016	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval December 10, 2012 * Total budget Rs 48, 91,200 Duration 24 Months Subject area HIV/AIDS/ STD
206	Role of FOXP3+ regulatory cells in the reactivation of Tuberculosis in HIV – infected persons with LTBI	
	Principal Investigator Dr. Vijaya Lakshmi Valluri Group Leader, LEPRASOCIETY, Plot No17, Krishnapuri Colony, West Marredpally, Secunderabad, Hyderabad-500026	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval December 10, 2012* Total budget Rs 50, 00,000 Duration 24 Months Subject area HIV/Tuberculosis
207	Role of oxido - reductive stress in regulating HIV - TB co-infection	
	Principal Investigator Dr. Amit Singh Group Leader, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi-110067	Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) Date of approval December 10, 2012 Total budget Rs 54, 00,000 Duration 24 Months Subject area HIV/Tuberculosis

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

S.no.	Detail of Projects	
208	Screening to prevent anal and cervical cancers among HIV infected women in India	
	<p>Principal Investigator Dr. Poongulali Selvamuthu Medical Officer, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012*</p> <p>Total budget Rs 29, 37,450</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
209	Studies on the prevalence, risk factors and outcomes of cancers in HIV in India	
	<p>Principal Investigator Dr. Sanjeev Sinha Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention)</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 38, 57,044</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
210	Respiratory virus infections: Rapid low cost molecular detection	
	<p>Principal Investigator Dr. Shobha Broor Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research)</p> <p>Date of approval March 25, 2008**</p> <p>Total budget Rs 32, 14,016</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>

* Project not initiated since not approved by Indo-US Joint Working Group of HIV/AIDS & STD Prevention

** Approved with condition

S.no.	Detail of Projects	
211	Pilot study of newborn screening for haemoglobinopathies in South Gujarat, India	
	Principal Investigator Dr. K Ghosh Scientist G & Director, National Institute of Immunohaematology (NIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012	Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research) Date of approval March 25, 2008* Total budget Rs 55, 08,142 Duration 24 Months Subject area Child Health
212	Probiotics for infectious diarrhea in children in South India	
	Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research) Date of approval March 25, 2008 Total budget Rs 1, 11, 60,200 Duration 24 Months Subject area Child Health
213	Pilot study of automated surveillance to measure burden rotavirus	
	Principal Investigator Dr. M A Mathew Associate Professor, MOSC Medical College & Hospital, Kolencherry, Ernakulam-682311	Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research) Date of approval March 25, 2008 Total budget Rs 29, 34,800 Duration 24 Months Subject area Child Health

* Extension of 8 months with additional funds of Rs 7, 87,832 endorsed in HMSC meeting held on December 8, 2010 subject to certain conditions

S.no.	Detail of Projects	
214	Congenital Cytomegalovirus (CMV) infection and hearing loss in rural Indian population	
	<p>Principal Investigator Dr. Lalit Dar Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research)</p> <p>Date of approval September 8, 2009</p> <p>Total budget Rs 70, 34, 520</p> <p>Duration 36 Months</p> <p>Subject area Child Health</p>
215	Childhood illness and risk perception: Opportunity to improve hand washing	
	<p>Principal Investigator Dr. Tamsunaro Rongsen Chandola Scientist, Society for Applied Studies, 45, Kalu Sarai, New Delhi-110016</p>	<p>Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research)</p> <p>Date of approval September 8, 2009*</p> <p>Total budget Rs 53, 44, 560</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>
216	Predicting bilirubin - induced auditory toxicity in infants with severe jaundice	
	<p>Principal Investigator Dr. Satish Saluja Senior Consultant, Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060</p>	<p>Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research)</p> <p>Date of approval September 8, 2009**</p> <p>Total budget Rs 42, 43, 492</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>

* Project not initiated, reported in HMSC meeting held on March 12, 2012

** Extension with no additional cost upto August 31, 2012 endorsed in HMSC meeting held on June 18, 2012 and further extension upto March 25, 2013 with no additional funds approved in HMSC meeting held on December 10, 2012

S.no.	Detail of Projects	
217	Diagnosis of active TB in HIV infected and uninfected young children in India	
	Principal Investigator Dr. Renu Bhardwaj Professor & Head, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research) Date of approval December 8, 2009* Total budget Rs 81, 14,273 Duration 12 Months Subject area Child Health
218	Enhancing dietary iron and zinc bioavailability in Indian children	
	Principal Investigator Dr. K Madhavan Nair Scientist E, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by ICMR under Indo-US Joint Statement (Maternal and Child Health & Human Development Research) Date of approval December 8, 2009** Total budget Rs 26, 00,000 Duration 24 Months Subject area Child Health
219	Biomarkers for transplacental effects and their chemoprevention	
	Principal Investigator Dr. Kalpagam Polasa Scientist F & Director, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by Indo-Bulgarian S&T Programme (with support from DST for exchange visits only) Date of approval March 2, 2009 Total budget Rs 55, 25,960 Duration 36 Months Subject area Oncology

* Extension upto August 31, 2012 with additional budget approved in HMSC meeting held on June 18, 2012 and further extension upto March 25, 2013 with additional funds approved in HMSC meeting held on December 10, 2012

** Extension upto August 31, 2012 with no additional budget endorsed in HMSC meeting held on June 18, 2012 and further extension upto March 25, 2013 with no additional funds approved in HMSC meeting held on December 10, 2012

S.no.	Detail of Projects	
220	HIV vaccine immunogen design: Identification of T-cell epitopes associated with control of viral replication in Indian and South African HIV-1 infected individuals	
	<p>Principal Investigator Dr. Ranga Udaykumar Associate Professor, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur (PO), Bangalore-560064</p>	<p>Funded by Indo-South Africa Joint Programme (DST, New Delhi)</p> <p>Date of approval March 8, 2011[*]</p> <p>Total budget Rs 1, 35, 00,400</p> <p>Duration 36 Months</p> <p>Subject area HIV/AIDS/ STD</p>
221	Identification of neutralizing antibody epitopes on India and South African HIV-1 subtype C viruses for HIV vaccine design	
	<p>Principal Investigator Dr. Jayanta Bhattacharya Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by Indo-South Africa Joint Programme (DST, New Delhi)</p> <p>Date of approval March 8, 2011^{**}</p> <p>Total budget Rs 1, 75, 52,721</p> <p>Duration 36 Months</p> <p>Subject area HIV/AIDS/ STD</p>
222	Effect of step synchronized vibration on gait of PD patients with electrically stimulated STN	
	<p>Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Indo-US Science & Technology Forum, New Delhi</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 92, 73,701</p> <p>Duration 36 Months</p> <p>Subject area Neurosciences</p>

* Approval for remaining 2 study sites endorsed in HMSC meeting held on June 18, 2012

** Approved for remaining 2 study sites and transfer of biological material by NARI, Pune in HMSC meeting held on September 8, 2011

S.no.	Detail of Projects	
223	A phase I double-blind, placebo-controlled, randomized trial to evaluate the safety and immunogenicity of TBC-M4, a multigenic MVA HIV vaccine vs. ADV AX, a multigenic DNA HIV vaccine followed by TBC-M4, a multigenic MVA HIV vaccine	
	<p>Principal Investigator Dr. V D Ramanathan Scientist F, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031</p> <p>Dr S M Mehandale, Scientist G, National AIDS Research Institute (NARI), G-73 Bhosari Industrial Estate, Bhosari, Pune-411026</p>	<p>Funded by International AIDS Vaccine Initiative (IAVI), USA</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 7, 13, 62,000</p> <p>Duration 36 Months</p> <p>Subject area HIV/AIDS/ STD</p>
224	A comparison of two iron doses on zinc absorption from sprinkles as a micronutrient supplement	
	<p>Principal Investigator Dr. N S Mahantshetti Vice Principal & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval June 8, 2010^{†*}</p> <p>Total budget Rs 6, 82, 990</p> <p>Duration 24 Months</p> <p>Subject area Nutrition</p>
225	Stress-rest MIBI-SPECT compared to coronary CT Angiography as the initial test in the evaluation of patients at intermediate risk of coronary events- A pilot randomized controlled trial (IAEA SPECT/CT CAD)	
	<p>Principal Investigator Dr. G Karthikeyan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval March 8, 2011^{**}</p> <p>Total budget Rs 8, 07, 520</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases</p>

† Approved for transfer of 10% biological samples only in HMSC meeting held on June 8, 2010

* Request for transfer of all (100%) urine samples to foreign lab for analysis was not recommended in HMSC meeting held on December 8, 2010

** Approved with AIIMS only

S.no.	Detail of Projects	
226	A comparison of two iron doses on zinc absorption from sprinkles as a micronutrient supplement	
	Principal Investigator Dr. N S Mahantshetti Vice Principal & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by International Atomic Energy Agency (IAEA), Austria Date of approval June 8, 2011 * <i>*Project at serial no. 224 was placed before HMSC during its meeting held on June 8, 2011 with a request for transfer of 10% of biological samples for analysis and QA/QC purposes, which was approved</i>
227	A randomized phase III study of short course (one-week) radiation therapy versus standard course (three week) radiation therapy in elderly and / or frail patients with newly diagnosed Glioblastoma Multiforme (GBM)	
	Principal Investigator Dr. Narendra Kumar Assistant Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by International Atomic Energy Agency (IAEA), Austria Date of approval September 8, 2011 Total budget Rs 7, 93, 324 Duration 30 Months Subject area Oncology
228	Zinc and iron bio-availability from bio-fortified pearl millet	
	Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by International Atomic Energy Agency (IAEA), Austria and Harvest Plus, Washington DC, USA Date of approval June 8, 2010 ** Total budget Rs 42, 25, 000 Duration 24 Months Subject area Nutrition

** Approved for transfer of only 40 biological samples to US lab with a suggestion for transfer of technology to Indian lab in HMSC meeting held on September 8, 2010

S.no.	Detail of Projects	
229	A phase III trial evaluating the role of continuous letrozole versus intermittent letrozole following 4 to 6 years of prior adjuvant endocrine therapy for postmenopausal women with hormone-receptor positive, node positive early stage breast cancer	
	Principal Investigator Dr. Anusheel Munshi Professor, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012	Funded by International Breast Cancer Study Group (IBCSG), Switzerland Date of approval March 2, 2009* Total budget Rs 45, 13, 600 Duration 72 Months Subject area Oncology
230	Measurement of chronic disease risk factors in a rural Bangladesh cohort: A pilot collaborative study between ICDDR, B and South Asia Network for Chronic Disease, Public Health Foundation of India	
	Principal Investigator Prof. Shah Ebrahim Director, Public Health Foundation of India, 4/2, Sirifort Institutional Area, August Kranti Marg, New Delhi-110016	Funded by International Center for Diarrhoeal Diseases Research, Bangladesh Date of approval December 8, 2011* Total budget Not Requested Duration 12 Months Subject area Diarrhoeal Diseases
231	Chronic Myeloid Leukemia (CML) diagnosis and testing program, under the third iCMLf Emerging Regions Support and Partnership (ERSAP) project	
	Principal Investigator Dr. Neelam Verma Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by International Chronic Myeloid Leukemia Foundation (iCMLf), Australia Date of approval June 18, 2012 Total budget Rs 5, 00, 000 Duration 12 Months Subject area Oncology

* Approved with conditions

S.no.	Detail of Projects	
232	A prospective, randomized, double-blind, parallel group, placebo-controlled phase III study to evaluate the efficacy and safety of desmoteplase in patients with acute ischemic stroke (DIAS-3)	
	<p>Principal Investigator Dr. Rohit Bhatia Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by International Clinical Research, Denmark</p> <p>Date of approval March 8, 2011*</p> <p>Total budget Rs 2, 30, 000</p> <p>Duration 24 Months</p> <p>Subject area Neurosciences</p>
233	Identifying sources, pathways and risk drivers in ecosystems of Japanese Encephalitis in an epidemic prone north Indian district	
	<p>Principal Investigator Dr. Manish Kakkar Specialist & Epidemiologist, Public Health Foundation of India, ISID Campus, 4 Institutional Area, Vasant Kunj, New Delhi-110070</p>	<p>Funded by International Development Research Centre, Canada</p> <p>Date of approval March 12, 2012*</p> <p>Total budget Rs 1, 84, 16,705</p> <p>Duration 36 Months</p> <p>Subject area Japanese Encephalitis</p>
234	Prevention of Type 2 diabetes in women with gestational diabetes in urban India - A feasibility study	
	<p>Principal Investigator Prof. Nikhil Tondon Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by International Diabetes Federation Brussels, Belgium</p> <p>Date of approval June 8, 2010**</p> <p>Total budget Rs 32, 44, 500</p> <p>Duration 24 Months</p> <p>Subject area Diabetes</p>

* Approved with conditions

** Approved for AIIMS, New Delhi only

S.no.	Detail of Projects	
235	The cross cultural adaptation and clinical affect measurement using assessment scales of low back pain outcome measures into Hindi	
	Principal Investigator Dr. U Singh Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by International Project Development Fund, University of Sydney, Australia Date of approval March 12, 2012* Total budget Rs 4, 73, 999 Duration 6 Months Subject area Rehabilitation
236	Significance of pattern recognition molecules (toll like receptors) in the neuropathogenesis of Japanese Encephalitis	
	Principal Investigator Dr. R K Ratho Professor & Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by International Society for Infectious Diseases, USA Date of approval March 8, 2011 Total budget Rs 2,70, 000 Duration 12 Months Subject area Japanese Encephalitis
237	Study the prevalence and genetic characterization of <i>Entamoeba histolytica</i> reference strains	
	Principal Investigator Dr. Sandipan Ganguly Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	Funded by Japan Health Science Foundation, Japan Date of approval December 8, 2009 Total budget Rs 15, 00, 000 Duration 24 Months Subject area Diarrhoeal Diseases

* Approved with conditions

S.no.	Detail of Projects	
238	Study on the control of cholera and other enteric diseases	
	<p>Principal Investigator Dr. G Balakrish Nair Scientist G & Director, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by Japan International Cooperation Agency (JICA), Japan</p> <p>Date of approval March 2, 2009 Total budget Rs 16, 00, 00, 000 Duration 60 Months Subject area Diarrhoeal Diseases</p>
239	Developing an international center for research in emerging viral infections at National Institute of Virology (NIV)	
	<p>Principal Investigator Dr. A C Mishra Scientist G & Director, National Institute of Virology (NIV), 20-A, Dr.Ambedkar Road, Pune-411001</p>	<p>Funded by Japan International Cooperation Agency (JICA), Japan</p> <p>Date of approval March 8, 2010* Total budget Rs 32, 00, 00, 000 Duration 27 Months Subject area Other Infectious Diseases</p>
240	Chemo to Cure (C to C): Study of cancer survivorship	
	<p>Principal Investigator Dr. Rachna Seth Assistant Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Jiv Daya Foundation, Dallas, USA</p> <p>Date of approval December 8, 2010 Total budget Rs 21, 99, 054 Duration 36 Months Subject area Oncology</p>

* *Approved with suggestions*

S.no.	Detail of Projects	
241	YRG CARE matrimonial service	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by Johns Hopkins University, USA and Student Field Experience Fund</p> <p>Date of approval September 8, 2010*</p> <p>Total budget Rs 3, 41, 110</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
242	Effective and safe interventions for prevention of malaria in pregnancy in India: An assessment of burden of malaria in pregnancy, implement ability of a screening strategy and barriers to scaling up interventions	
	<p>Principal Investigator Dr. Neena Valecha Scientist G & Director, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077</p>	<p>Funded by Liverpool School of Tropical Medicine, United Kingdom</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 3, 90, 29, 000</p> <p>Duration 36 Months</p> <p>Subject area Malaria</p>
243	Effective and safe treatment for malaria in pregnancy in India: A randomized controlled trial	
	<p>Principal Investigator Dr. Neena Valecha Scientist G & Director, Malaria Research Centre (MRC), 22, Sham Nath Marg, New Delhi-110054</p>	<p>Funded by Liverpool School of Tropical Medicine, United Kingdom</p> <p>Date of approval September 8, 2009</p> <p>Total budget Rs 4, 08, 10, 416</p> <p>Duration 60 Months</p> <p>Subject area Malaria</p>

* *Approved with conditions*

S.no.	Detail of Projects	
244	Ecosystem dynamics and control of urban malaria in Gujarat State, India	
	<p>Principal Investigator Dr. R S Yadav Scientist F & Officer in Charge, National institute of Malaria Research (NIMR), Field Station, Civil Hospital, Nadiad-387001, Gujarat</p>	<p>Funded by M/s Total Gas and Power, New Delhi (French Oil & Gas Company), India</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 10, 01,183</p> <p>Duration 60 Months</p> <p>Subject area Malaria</p>
245	Improving the diagnosis of tuberculosis among HIV infected and non-infected individuals in India	
	<p>Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by McGill University, Canada</p> <p>Date of approval December 22, 2008 *</p> <p>Total budget Rs 12,08, 400</p> <p>Duration 12 Months</p> <p>Subject area HIV/ Tuberculosis</p>
246	HEART OUTCOMES PREVENTION EVALUATION (HOPE)-3 Study of lipid modification and blood pressure reduction in people at average risk for Cardio Vascular Disease (CVD).	
	<p>Principal Investigator Dr. Prem Pais Dean & 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 McMaster University, Canada</p> <p>Date of approval June 23, 2008 **</p> <p>Total budget Rs 9, 65, 25,000</p> <p>Duration 120 Months</p> <p>Subject area Cardiovascular Diseases</p>

* *Approved with conditions*

** *Approved for including 9 additional sites in HMSC meeting held on March 2, 2009*

S.no.	Detail of Projects	
247	Burden of drug resistant tuberculosis among HIV - infected patients in metropolitan Mumbai, India	
	Principal Investigator Dr. Srinath Satyanarayana Operational Research Officer, The Union, South East Asia Office, C-6, Qutub Institutional Area, New Delhi-110016	Funded by Médecins Sans Frontières, Holland Date of approval June 18, 2012 Total budget Rs 2, 10, 51, 000 Duration 15 Months Subject area HIV/AIDS/ STD
248	ENOS : Efficacy of Nitric Oxide in Stroke - A prospective, international, multicentre, randomized, parallel-group, blinded, controlled, collaborative factorial trial to investigate the safety and efficacy of treatment with transdermal glyceryl trinitrate, a nitric oxide donor, and of stopping or continuing prior antihypertensive therapy, in patients with acute stroke	
	Principal Investigator Dr. Kameshwar Prasad Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Medical Research Council, United Kingdom Date of approval March 25, 2008* Total budget Rs 4, 06, 000 Duration 60 Months Subject area Neurosciences
249	Thrombolysis with intravenous rt-PA for acute ischaemic stroke: the third International Stroke Trial (IST-3)	
	Principal Investigator Dr. Kameshwar Prasad Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Medical Research Council, United Kingdom Date of approval March 25, 2008** Total budget Rs 24, 00, 71,680 Duration 24 Months Subject area Neurosciences

* Inclusion of an additional site, to obtain requisite sample size approved in HMSC meeting held on June 8, 2009

** Approved with conditions

S.no.	Detail of Projects	
250	International study of caesarean section surgical techniques: The follow up study	
	<p>Principal Investigator Dr. J B Sharma Associate Professor, Maulana Azad Medical College, Bahadur Shah Zafar Marg, Delhi Gate, New Delhi-110002</p>	<p>Funded by Medical Research Council, United Kingdom</p> <p>Date of approval September 8, 2011 Total budget Rs 1, 78, 929 Duration 48 Months Subject area Reproductive Health</p>
251	Evaluation of tolerability and immunogenicity of GARDASIL™ in healthy females, between 16 and 26 years of age, in India	
	<p>Principal Investigator Dr. Shalini Fusey Associate Professor, Government Medical College, Opposite Ramakrishna Mission, Nagpur-440012</p>	<p>Funded by Merck & Co., Inc., USA</p> <p>Date of approval June 8, 2009 Total budget Rs 1, 20, 00, 000 Duration 48 Months Subject area Oncology</p>
252	The Pan Australasian ChemoTherapy InduCed Emesis burden of illness study (PrACTICE)	
	<p>Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Merck & Co., Inc., USA</p> <p>Date of approval June 18, 2012* Total budget Rs 2, 47, 500 Duration 7 Months Subject area Oncology</p>

* Approved for 3 sites only with conditions

S.no.	Detail of Projects	
253	A phase 3, double-blind, placebo-and active-controlled dose- range- finding efficacy and safety study of preladenant in subjects with early Parkinsons disease	
	Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Merck & Co., Inc., USA Date of approval September 10, 2012* Total budget Rs 18, 73, 830 Duration 36 Months Subject area Neurosciences
254	Open-label trial to determine the long - term safety of safinamide in Parkinson disease patients	
	Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Merck Serona S.A., Geneva, Switzerland Date of approval December 8, 2010** Total budget Rs 57, 76,828 Duration 36 Months Subject area Neurosciences
255	Comprehensive case management pilot programme in Odisha, India	
	Principal Investigator Dr. Anupkumar Anvikar Scientist D, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by Medicines for Malaria Venture (MMV), Switzerland Date of approval September 10, 2012*** Total budget Rs 2, 96, 28,080 Duration 36 Months Subject area Malaria

* Project not initiated, reported to Chairman, HMSC on November 3, 2012

** Approved for AIIMS, New Delhi only

*** Approved with conditions

S.no.	Detail of Projects	
256	MRZ 60201/SP/3001: Prospective double-blind, placebo-controlled, randomized, multi-center study with an open-label extension period to investigate the efficacy and safety of NT 201 in the treatment of post-stroke spasticity of the upper limb	
	<p>Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Merz Pharmaceuticals GmbH, Germany</p> <p>Date of approval December 10, 2012*</p> <p>Total budget Rs 25, 21, 996</p> <p>Duration 24 Months</p> <p>Subject area Neurosciences</p>
257	Innovative strategies to promote early child development among low-income rural infants and preschoolers in India through multiple micronutrient fortification and early learning opportunities	
	<p>Principal Investigator Dr. B Sesikeran Scientist G & Director, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007</p>	<p>Funded by Micronutrient Initiative, Canada</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 1, 69, 74,729</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>
258	A randomized, double-blind, placebo-controlled, phase 3 study to assess the efficacy and safety of weekly farletuzumab (MORAb-003) in combination with carboplatin and taxane in subjects with platinum-sensitive ovarian cancer in first relapse	
	<p>Principal Investigator Dr. Lalit Kumar Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Morphotek, Inc., USA</p> <p>Date of approval March 8, 2010*</p> <p>Total budget Rs 13, 09, 091</p> <p>Duration 65 Months</p> <p>Subject area Oncology</p>

* Approved for AIIMS, New Delhi only

S.no.	Detail of Projects	
259	A randomized, double-blind, double-dummy, parallel-group multicenter study to demonstrate improvement in symptoms of constipation and non-inferiority in analgesic efficacy in subject with non-malignant or malignant pain that requires around-the-clock opioid therapy taking 50/25 – 80/40 mg twice daily as oxycodone / naloxone prolonged release (OXN PR) tablets compared to subject taking 50 – 80 mg twice daily oxycodone prolonged release (OxyPR) tablets alone	
	Principal Investigator Dr.Sushma Bhatnagar Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Mundipharma Research, GmbH & Co., Germany Date of approval December 10, 2012* Total budget Rs. 23, 13, 216 Duration 10 Months Subject area Oncology
260	Bowman birk Inhibitor concentrate and oral leukoplakia: A randomized phase IIb trial	
	Principal Investigator Dr. Moni Abraham Kuriakose Professor, Amrita Institute of Medical Sciences & Research Institute, Elamakkara, Kochi-682026	Funded by National Cancer Institute, National Institutes of Health, USA Date of approval June 8, 2009 Total budget Rs 21, 84, 930 Duration 12 Months Subject area Oncology
261	A multi-centre randomized, double-blind, placebo controlled clinical trial examining the efficacy and safety of low-dose aspirin after initial anticoagulation to prevent recurrent Venous Thrombo-Embolicism (VTE)	
	Principal Investigator Dr. Prem Pais Dean & Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Health and Medical Research Council (NHMRC), Australia Date of approval December 22, 2008 Total budget Rs 79, 20,000 Duration 60 Months Subject area Cardiovascular Diseases

* Approved for AIIMS, New Delhi only, later study dropped by funding agency

S.no.	Detail of Projects	
262	SAVE (Sleep Apnea cardio Vascular Endpoints) study : An international, multi-centre, open, parallel group, prospective, randomized, controlled trial to determine the effectiveness of treatment with Continuous Positive Airways Pressure (CPAP) in addition to standard care in reducing Cardio-Vascular (CV) morbidity and mortality in patients with co-existing CV diseases and moderate-severe obstructive sleep apnea (OSA)	
	Principal Investigator Dr. Hemalata Boyini Project Manager, George Institute for International 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 March 8, 2010* Total budget Rs 28, 79, 626 Duration 60 Months Subject area Cardiovascular Diseases
263	The main phase of an academic lead and conducted, international, multi-centre, open label, blinded endpoint, randomised controlled trial to established the balance of benefits and risks of a treatment strategy of early intensive lowering of Blood Pressure (BP) compared to a conservative BP lowering policy in patients with the acute primary Inter-Cerebral Haemorrhage (ICH) and co-existing elevated BP without any definite indication or contraindication to treatment	
	Principal Investigator Dr. Hemalata Boyini Project Manager, George Institute for International 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 March 8, 2010** Total budget Rs 22, 94,166 Duration 30 Months Subject area Neurosciences
264	Kerala Diabetes Prevention Programme (K-DPP): A cluster randomized controlled trial of its effectiveness and cost-effectiveness	
	Principal Investigator Dr. K R Thankappan Professor & Head, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), (Trivandrum), Thiruvananthapuram-695011	Funded by National Health and Medical Research Council (NHMRC), Australia Date of approval December 10, 2012*** Total budget Rs 1, 83, 25, 686 Duration 60 Months Subject area Diabetes

* Modified proposal approved for nine active sites in HMSC meeting held on September 10, 2012

** Approved for 7 sites only with conditions

*** Approved with conditions

S.no.	Detail of Projects	
265	Genotypic characterization of Japanese Encephalitis Virus (JEV) in different endemic areas of India and Vietnam: its implications on the vector- pathogen interactions	
	Principal Investigator Dr. B K Tyagi Scientist F & Officer in Charge, Centre for Research in Medical Entomology (CRME), 4 Sarojani Street, Chinna Chokkikulam, Madurai-625002	Funded by National Institute of Hygiene and Epidemiology, Hanoi, Vietnam (through DST, New Delhi) Date of approval December 22, 2008* Total budget Rs 5, 08, 00, 000 Duration 36 Months Subject area Japanese Encephalitis
266	Laboratory - based collaboration network of infectious diseases in Asia	
	Principal Investigator Dr. Sekhar Chakraborti Scientist G, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	Funded by National Institute of Infectious Diseases, Japan Date of approval September 8, 2011 Total budget Rs 42, 00, 000 Duration 36 Months Subject area Other Infectious Diseases
267	A Thermostable Measles Vaccine	
	Principal Investigator Dr. Rajeev Dhere Director, Serum Institute of India Ltd., 212/2, Hadapsar, Pune-411028	Funded by National Institutes of Health, USA Date of approval March 25, 2008 Total budget Rs 1, 38, 25, 320 Duration 36 Months Subject area Child Health

* Funded by DST for exchange visits only (Rs.15 Lakh approx) with no additional funds required by Indian PI

S.no.	Detail of Projects	
268	NeuroAIDS in India	
	<p>Principal Investigator Dr. Sanjay Mehendale Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 25, 2008 Total budget Rs 4, 74, 57, 855 Duration 60 Months Subject area HIV/AIDS/ STD</p>
269	Type 1 Diabetes Genetics Consortium (TIDGC) - An international effort	
	<p>Principal Investigator Dr. Alok Kanungo Chairman, Cuttack Diabetes Research Foundation, Chandi Road, Cuttack-753001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 25, 2008 Total budget Rs 11, 25, 000 Duration 24 Months Subject area Diabetes</p>
270	Capacity building for tobacco cessation in India and Indonesia	
	<p>Principal Investigator Dr. K R Thankappan Professor & Head, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Thiruvananthapuram-695011</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 25, 2008 Total budget Rs 2, 58, 84, 000 Duration 60 Months Subject area Life Style Diseases</p>

S.no.	Detail of Projects	
271	ASHA HIV Health Promotion Intervention in India	
	Principal Investigator Dr. K K Ganguly Scientist E, Indian Council Medical Research (ICMR), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval June 23, 2008 * Total budget Rs 40, 00, 000 Duration 36 Months Subject area HIV/AIDS/ STD
272	STRIDE: A strategy study of immediate versus deferred initiation of antiretroviral therapy for AIDS Diseases-Free survival in HIV-infected persons treated for tuberculosis with CD4< 250 Cells / cubic mm	
	Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by National Institutes of Health, USA Date of approval June 23, 2008 ** Total budget Rs 1, 10, 00, 000 Duration 12 Months Subject area HIV/AIDS/ STD
273	Caliciviral infections and disease in Southern India	
	Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by National Institutes of Health, USA Date of approval June 23, 2008 Total budget Rs 33, 20, 000 Duration 36 Months Subject area Diarrhoeal Diseases

* Approved with conditions

** Formal approval granted by Chairman, HMSC in October, 2008 and revised protocol with modified title endorsed in HMSC meeting held on June 8, 2009

S.no.	Detail of Projects	
274	Immune response to cryptosporidiosis in a birth cohort of children of South India	
	<p>Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 23, 2008 Total budget Rs 5, 65, 73, 760 Duration 60 Months Subject area Diarrhoeal Diseases</p>
275	Indo-US collaborative platform for vaccine development against <i>Chlamydia</i>	
	<p>Principal Investigator Dr. Aruna Singh nee Mittal Scientist F, Institute of Pathology, Safdarjung Hospital Campus, Post Box 4909, New Delhi-110029</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 23, 2008* Total budget Rs 9, 12, 200 Duration 36 Months Subject area Reproductive Health</p>
276	A single arm, open label pilot study of the safety and immunogenicity of the Merck quadrivalent Human Papilloma Virus (HPV) vaccine among HIV - positive women in India: A trial of the AIDS Maligancy: Clinical trials consortium (AMC)	
	<p>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</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 22, 2008 Total budget Rs 61, 74, 770 Duration 48 Months Subject area Oncology</p>

* Approved with conditions

S.no.	Detail of Projects	
277	A5207 Maintaining Options for Mothers Study (MOMS) - A phase II randomized comparison of three antiretroviral strategies administered for 7 or 21 days to reduce the emergence of nevirapine resistant HIV-1 following a single intrapartum dose of nevirapine	
	Principal Investigator Dr. A V Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health, USA Date of approval December 22, 2008 Total budget Rs 3, 71, 76, 364 Duration 24 Months Subject area HIV/AIDS/ STD
278	Development and validation of fundal height measure tape to estimate gestational age-A hospital based descriptive observational study	
	Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by National Institutes of Health, USA Date of approval December 22, 2008 Total budget Rs 1, 31, 560 Duration 8 Months Subject area Reproductive Health
279	Maternal and newborn health registry & evaluation of an Emergency Obstetric and Newborn Care (EmONC) intervention package to reduce adverse pregnancy outcomes in low resource settings - The EmONC Trial	
	Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by National Institutes of Health, USA Date of approval December 22, 2008 Total budget Rs 5, 12, 94, 260 Duration 60 Months Subject area Reproductive Health

S.no.	Detail of Projects	
280	Maternal and newborn health registry & evaluation of an Emergency Obstetric and Newborn Care (EmONC) Intervention Package to reduce adverse pregnancy outcomes in low resources settings- The EmONC Trial	
	Principal Investigator Dr. Archana Patel Professor & Head, Lata Medical Research Foundation, Kinkine Kutir, Vasant Nagar Colony Near Deeksha Bhoomi Square, Nagpur-440022	Funded by National Institutes of Health, USA Date of approval December 22, 2008 * Total budget Rs 4, 70, 27, 660 Duration 60 Months Subject area Reproductive Health
281	P1060: National Institutes of Health, USA -sponsored Phase II, parallel, randomized clinical trials comparing the responses to initiation of NNRTI-based versus Protease Inhibitor (PI) -Based antiretroviral therapy in HIV infected infants who have and have not previously received single dose nevirapine for prevention of mother to child HIV transmission under the International Maternal Pediatric Adolescent AIDS Clinical Trial (IMPAACT) network to be conducted	
	Principal Investigator Dr. A V Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health, USA Date of approval December 22, 2008 ** Total budget Rs 1, 30, 22, 005 Duration 36 Months Subject area HIV/AIDS/ STD
282	Rapid low cost molecular detection of influenza virus infections	
	Principal Investigator Dr. Shobha Broor Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval December 22, 2008 Total budget Rs 19, 87, 560 Duration 24 Months Subject area Influenza

* *Approved with conditions*

** *Clarifications found satisfactory, approved and endorsed in HMSC meeting held on June 8, 2011*

S.no.	Detail of Projects	
283	Sjogren's International Collaborative Clinical Alliance (SICCA)	
	Principal Investigator Dr. M Srinivasan Director, Aravind Eye Hospital & PG Institute of Ophthalmology, 1, Annanagar, Madurai-625020	Funded by National Institutes of Health, USA Date of approval December 22, 2008 Total budget Rs 44, 18, 108 Duration 36 Months Subject area Ophthalmology
284	Warfarin versus Aspirin in Reduced Cardiac Ejection Fraction (WARCEF)	
	Principal Investigator Dr. D 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, USA Date of approval December 22, 2008* Total budget Rs 4, 29, 40,450 Duration 60 Months Subject area Cardiovascular Diseases
285	A strategy study of immediate versus deferred initiation of antiretroviral therapy for HIV-infected persons treated for tuberculosis with CD4<200 cells/ cubic mm	
	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 National Institutes of Health, USA Date of approval March 2, 2009 Total budget Rs 1, 00, 30,765 Duration 48 Months Subject area HIV/ Tuberculosis

* Approved with conditions

S.no.	Detail of Projects	
286	Dissecting the role of HIV-1 Tat and the chemokine axis in subtype - specificity	
	<p>Principal Investigator Dr. Ranga Udaykumar Associate Professor, Jawaharlal Nehru Centre for Advance Science Research (JNCASR), Jakkur (PO), Bangalore-560064</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 2, 2009 Total budget Rs 20, 00, 000 Duration 60 Months Subject area HIV/AIDS/ STD</p>
287	Impact of intestinal dysfunction on antiretroviral therapy in India	
	<p>Principal Investigator Dr. Rita Isaac Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 2, 2009 Total budget Rs 1, 10, 70, 164 Duration 60 Months Subject area HIV/AIDS/ STD</p>
288	Enhancing HIV medication adherence in India	
	<p>Principal Investigator Dr. Ajay Wanchu Additional Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 2, 2009 Total budget Rs 1, 39, 692 Duration 12 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
289	Novel DNA vaccines for Chikungunya virus	
	Principal Investigator Dr. P Vijayachari Scientist G & Director, Regional Medical Research Centre (RMRC), Post Bag No. 13, Port Blair-744101	Funded by National Institutes of Health, USA Date of approval March 2, 2009 Total budget Rs 24, 97,700 Duration 24 Months Subject area Other Infectious Diseases
290	Role of cocaine in Neuro-AIDS by HIV-1 B and C Clades	
	Principal Investigator Dr. Shailendra K Saxena Senior Scientist, Centre for Cellular and Molecular Biology (CCMB), CSIR, Uppal Road, Hyderabad-500007	Funded by National Institutes of Health, USA Date of approval March 2, 2009 Total budget Rs 1, 02, 56, 200 Duration 60 Months Subject area HIV/AIDS/ STD
291	Tobacco Evaluation Policy in Low and Middle Income Countries (In India the ITC project is known as the TCP India Project to avoid confusion with the India Tobacco Company)	
	Principal Investigator Dr. Prakash C Gupta Director, Healis-Sekhasaria Institute for Public Health, 601/B, Great Eastern Chambers, Plot No. 28, Sector-11, CBD Belapur, Mumbai-400614	Funded by National Institutes of Health, USA Date of approval March 2, 2009* Total budget Rs 1, 97, 35, 960 Duration 60 Months Subject area Life Style Diseases

* Approved with suggestion

S.no.	Detail of Projects	
292	Structure-based development of nonnucleoside anti-HIV-1 RT Drugs	
	<p>Principal Investigator Dr. Anamik Shah Professor, Saurashtra University, Saurashtra University Campus, Rajkot-360005</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 2, 2009*</p> <p>Total budget Rs 5, 26, 686</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>
293	Diversity of HIV and HCV among IDUs in India - Administrative supplement to "Incidence of HIV in a cohort of IV drug users" (RO1 DA12568)	
	<p>Principal Investigator Dr. Sunil Suhas Solomon Senior Medical Officer, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2009*</p> <p>Total budget Rs 36, 73, 120</p> <p>Duration 12 Months</p> <p>Subject area HIV/AIDS/ STD</p>
294	Fighting malaria with microfinance: Evidence from India	
	<p>Principal Investigator Dr. Lakshmi Krishnan Program Head, Centre for Micro Finance, 8th Floor, West Wing, Fountain Plaza Khaleel Shirazi Estate, 31/2A, Pantheon Road Egmore, Chennai-600008</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2009**</p> <p>Total budget Rs 1, 15, 60, 260</p> <p>Duration 24 Months</p> <p>Subject area Malaria</p>

* *Approved with conditions*

** *Approved with suggestions*

S.no.	Detail of Projects	
295	Global health activities in developing countries to combat non communicable chronic cardiovascular and pulmonary diseases - Centre of Excellence	
	Principal Investigator Dr. Denis Xavier Associate Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Institutes of Health, USA Date of approval June 8, 2009 Total budget Rs 9, 38, 03,530 Duration 60 Months Subject area Cardiovascular Diseases
296	High risk men in India- an important bridge population	
	Principal Investigator Dr. Hemangi Jerajani Professor & Head, LTMG Hospital & LTM Medical College Sion, Mumbai-400022	Funded by National Institutes of Health, USA Date of approval June 8, 2009 Total budget Rs 18, 80, 000 Duration 12-18 Months Subject area HIV/AIDS/ STD
297	Immune response to cryptosporidial antigens in HIV infected adults in South India	
	Principal Investigator Dr. Sitara Rao Lecturer, Christian Medical College & Hospital, Ida Scudder Road, Vellore- 632004	Funded by National Institutes of Health, USA Date of approval June 8, 2009 Total budget Rs 15, 98, 080 Duration 12 Months Subject area HIV/AIDS/ STD

S.no.	Detail of Projects	
298	Prevalence and correlates of HIV/STI among FSW in Nagpur, Maharashtra	
	<p>Principal Investigator Mr. A K Srikrishnan Research Manager, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2009 Total budget Rs 11, 11, 920 Duration 12 Months Subject area HIV/AIDS/ STD</p>
299	Study of social networks and HIV related risk - taking behaviors of truck drivers and cleaners in Hyderabad, India	
	<p>Principal Investigator Dr. Lalit Dandona Professor, Public Health Foundation of India, 4/2, Sirifort Institutional Area, August Kranti Marg, New Delhi-110016</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2009 Total budget Rs 2, 75, 000 Duration 12 Months Subject area HIV/AIDS/ STD</p>
300	Structural interventions for HIV prevention in risky venues in India	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2009 Total budget Rs 12, 36, 969 Duration 24 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
301	To establish a Centre of Excellence (COE) for prevention and control of cardio - metabolic diseases in South Asia for population based applied research and training	
	Principal Investigator Dr. D 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, USA Date of approval June 8, 2009 Total budget Rs 97, 76, 606 Duration 60 Months Subject area Cardiovascular Diseases/ Diabetes
302	Interdisciplinary Research Training: Non Communicable Disease (NCD) epidemiology and prevention in India	
	Principal Investigator Dr. Nikhil Tandon Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval September 8, 2009* Total budget Rs 5, 68, 13, 836 Duration 60 Months Subject area Epidemiology of NCDs
303	International Research and Research Training - Long term training programme	
	Principal Investigator Dr. Sanjay Mehendale Scientist G & Director, National Institute of Epidemiology, R-127, 3rd Avenue, Tamil Nadu Housing Board, Ayapakkam, Chennai-600077	Funded by National Institutes of Health, USA Date of approval September 8, 2009** Total budget Rs 6, 81, 62,500 Duration 48 Months Subject area Bioethics

* Approved with a suggestion

** Approved with conditions and change of PI from Dr. Kumaraswami to Dr. Sanjay Mehendale, NIE, Chennai approved in HMSC meeting held on December 8, 2011

S.no.	Detail of Projects	
304	Validation of the role of multi spectral imaging system & focal reflectance spectroscopy and laser induced fluorescent spectroscopy in early diagnosis of oral cancers	
	<p>Principal Investigator Dr. Pankaj Chaturvedi Associate Professor, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2009 Total budget Rs 41, 02, 600 Duration 24 Months Subject area Oncology</p>
305	Adolescent women and microbicide trials: Assessing the challenges and opportunities in their participation	
	<p>Principal Investigator Dr. Jayagowri Sastry Principal Investigator, Maharashtra Association of Anthropological Sciences (MASS), 64/5, Anand Park, Pune-411007</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2009* Total budget Rs 1, 34, 66, 260 Duration 36 Months Subject area HIV/AIDS/ STD</p>
306	Assessment of HIV incidence and its determinants in a population-based longitudinal cohort study in India	
	<p>Principal Investigator Dr. Lalit Dandona Professor, Public Health Foundation of India, 4/2, Sirifort Institutional Area, August Kranti Marg, New Delhi-110016</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2009* Total budget Rs 3, 28, 50, 000 Duration 48 Months Subject area HIV/AIDS/ STD</p>

* Approved with conditions

S.no.	Detail of Projects	
307	Dose - finding and pharmacogenetic study of Efavirenz in HIV-Infected and HIV-TB co-infected infants and children > 3 months to <36 months of age	
	Principal Investigator Dr. Arun Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health, USA Date of approval December 8, 2009* Total budget Rs 46, 82, 074 Duration 9 Months Subject area HIV/ Tuberculosis
308	Feasibility study of HIV database and cancer registry matching	
	Principal Investigator Dr. Sheela Godbole Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by National Institutes of Health, USA Date of approval December 8, 2009 Total budget Rs 12, 85, 920 Duration 24 Months Subject area HIV/AIDS/ STD
309	Genetic analysis of psoriasis and psoriatic arthritis in Indians	
	Principal Investigator Dr. Vinod Sharma Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval December 8, 2009* Total budget Rs 68, 85, 000 Duration 60 Months Subject area Genomics

* Approved with conditions

S.no.	Detail of Projects	
310	Mycotic ulcer treatment trial (MUTT)	
	<p>Principal Investigator Dr. Venkatesh Pranja Chief Medical Officer, Aravind Eye Hospital & PG Institute of Ophthalmology, 1, Annanagar, Madurai-625020</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2009 Total budget Rs 86, 50, 000 Duration 48 Months Subject area Ophthalmology</p>
311	Pilot intervention to prevent HIV/STIs among female sex workers in central India	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2009* Total budget Rs 84, 31, 061 Duration 24 Months Subject area HIV/AIDS/ STD</p>
312	Sensitivity and specificity of <i>Mycobacterium tuberculosis</i> screening and diagnostics in HIV-infected individuals	
	<p>Principal Investigator Dr. Arun Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2009* Total budget Rs 30, 67, 921 Duration 15 Days Subject area HIV/ Tuberculosis</p>

* Approved with conditions

S.no.	Detail of Projects	
313	Smokeless tobacco use and reproductive health among married women in a low - income community	
	Principal Investigator Dr. Sarita Nair Scientist C, National Institute of Research in Reproductive Health (NIRRH), Jehangir Merwanji Street, Parel, Mumbai-400012	Funded by National Institutes of Health, USA Date of approval December 8, 2009 Total budget Rs 56, 85, 073 Duration 36 Months Subject area Reproductive Health
314	A study of patients in resource-limited areas with cancer who also have HIV: A trail of the AIDS malignancy clinical trials consortium	
	Principal Investigator Dr. Sanjeev Sinha Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 4, 70,000 Duration 6 Months Subject area HIV/AIDS/ STD
315	A study of patients in resource limited areas with cancer who also have HIV: A trial of the AIDS malignancy clinical trials consortium	
	Principal Investigator Dr. Aruna Alahari Dhir Professor & Head, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 3, 76, 000 Duration 6 Months Subject area HIV/AIDS/ STD

S.no.	Detail of Projects	
316	An exploratory study of risk stratification, cognitive evaluation, genetic correlates and locus of control in relatives of Schizophrenia subjects	
	<p>Principal Investigator Dr. Triptish Bhatia Post Doctoral Scholar, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 11, 72, 925 Duration 24 Months Subject area Mental Health</p>
317	Circadian rhythm and cognitive impairment among the participants affected with Schizophrenia and bipolar disorder	
	<p>Principal Investigator Dr. Promod Thomas Post Doctoral Scholar, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 9, 34, 875 Duration 23 Months Subject area Mental Health</p>
318	Implementing PATH India to reduce HIV risk among substance users in India: Assessing HIV risk among community clinic clients	
	<p>Principal Investigator Dr. Bankteshwar Mani Tripathi Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010* Total budget Rs 12, 92, 510 Duration 12 Months Subject area HIV/ Tuberculosis</p>

* Approved with a condition

S.no.	Detail of Projects	
319	Longitudinal Ageing Study in India (LASI)	
	Principal Investigator Dr. P Arokiasamy Professor, International Institute for Population Sciences (IIPS), Govandi Station Road, Deonar, Mumbai-400088	Funded by National Institutes of Health, USA Date of approval March 8, 2010* Total budget Rs 58, 05, 000 Duration 24 Months Subject area Life Style Diseases
320	Measuring tobacco related mortality within the million death study in India	
	Principal Investigator Dr. Prem Mony Principal Investigator, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Institutes of Health, USA Date of approval March 8, 2010* Total budget Rs 1, 16, 483 Duration 120 Months Subject area Life Style Diseases
321	Privacy and confidentiality: Beliefs, expectations and protections in an Indian context	
	Principal Investigator Dr. N N Mishra Post Doctoral Scholar, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 11, 49, 075 Duration 23 Months Subject area Mental Health

* Approved with conditions

S.no.	Detail of Projects	
322	Rapid tests for drug resistance to detect extensively drug resistant tuberculosis	
	<p>Principal Investigator Dr. Camilla Rodrigues Consultant Microbiologist, P D Hinduja National Hospital, Veer Savarkar Marg, Mahim West, Mumbai-400016</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 2, 47, 82,256 Duration 60 Months Subject area Tuberculosis</p>
323	Regulation of rRNA genes in <i>Entamoeba histolytica</i> : Biochemical and EM analysis	
	<p>Principal Investigator Dr. Sudha Bhattacharya Professor, Jawaharlal Nehru University, New Mehrauli Road, New Delhi-110067</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 72, 00, 000 Duration 36 Months Subject area Genomics</p>
324	Study of Immune Reconstitution Inflammatory Syndrome (IRIS) for international sites initiating Highly Active Antiretroviral Therapy (HAART) in infants and children < 5 years of age	
	<p>Principal Investigator Dr. Arun Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 54, 10, 497 Duration 48 Weeks Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
325	SPREAD Secondary Prevention of coRonary Events After Discharge from hospital: A randomized, open trial comparing post discharge interventions to standard care in Acute Coronary Syndrome (ACS) patients	
	Principal Investigator Dr. Rajeev Gupta Head, Fortis Escorts Hospital, JLN Marg, Malviya Nagar, Jaipur-302107	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 1, 80, 04, 032 Duration 30 Months Subject area Cardiovascular Diseases
326	The impact of yoga supplementation on cognitive function among Indian outpatients with Schizophrenia	
	Principal Investigator Dr. Triptish Bhatia Post Doctoral Scholar, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 1, 20, 88,575 Duration 60 Months Subject area Mental Health
327	The impact of familiarity on a family intervention program for Schizophrenia	
	Principal Investigator Dr. Satabdi Chakraborty Post Doctoral Scholar, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by National Institutes of Health, USA Date of approval March 8, 2010 Total budget Rs 10, 32, 075 Duration 23 Months Subject area Mental Health

S.no.	Detail of Projects	
328	Tri-national training programme for psychiatric genetics in India	
	<p>Principal Investigator Dr. Smita N Deshpande Head of Department, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 2, 47, 50, 000 Duration 24 Months Subject area Mental Health</p>
329	A phase I/II dose finding study of high dose fluconazole treatment in AIDS-associated cryptococcal meningitis	
	<p>Principal Investigator Dr. Arun Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2010 Total budget Rs 1, 06, 22, 494 Duration 24 Months Subject area HIV/AIDS/ STD</p>
330	CARRS (Center for Cardiometabolic Risk Reduction in South Asia) Surveillance study	
	<p>Principal Investigator Dr. D Prabhakaran Executive Director, Center for Chronic Disease Control (CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi-110016</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2010* Total budget Rs 3, 78, 85, 397 Duration 48 Months Subject area Cardiovascular Diseases/ Diabetes</p>

* Approved for third study site in HMSC meeting held on December 8, 2010

S.no.	Detail of Projects	
331	Developing and testing integrated, multi-factorial Cardiovascular disease Risk Reduction delivery Strategies in South Asia (CARSS Translation Trail): A multisite, individually randomized controlled translational trial of a comprehensive care delivery package to reduce CVD among 1,120 T2DM patients in South Asia	
	Principal Investigator Dr. D 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, USA Date of approval June 8, 2010* Total budget Rs 4, 17, 38, 120 Duration 60 Months Subject area Cardiovascular Diseases
332	Identifying variants causal for Type 2 diabetes in major human populations	
	Principal Investigator Prof. Shah Ebrahim Professor, Center for Chronic Disease Control (CCDC), C1/52, Second Floor, Safdarjung Development Area, New Delhi-110016	Funded by National Institutes of Health, USA Date of approval June 8, 2010 Total budget Rs 12, 95, 48, 610 Duration 60 Months Subject area Diabetes
333	Mumbai worksite tobacco control study	
	Principal Investigator Dr. Prakash C Gupta Director, Healis-Sekhasaria Institute for Public Health, 601/B, Great Eastern Chambers, Plot No. 28, Sector 11, CBD Belapur, Mumbai-400614	Funded by National Institutes of Health, USA Date of approval June 8, 2010 Total budget Rs 6, 00, 32, 920 Duration 60 Months Subject area Life Style Diseases

* Approved for remaining 8 study sites in HMSC meeting held on December 8, 2010 and inclusion of one more study site was endorsed on December 8, 2011

S.no.	Detail of Projects	
334	Sensitivity and specificity of <i>Mycobacterium tuberculosis</i> screening and diagnostics in HIV infected individuals	
	<p>Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2010 Total budget Rs 13, 04, 000 Duration 18 Months Subject area HIV/ Tuberculosis</p>
335	Asia Pacific HIV Observational Database (APHOD)/Treat Asia HIV Observational Database (TAHOD)	
	<p>Principal Investigator Dr. Sanjay Pujari Director & Chief Consultant, Institute of Infectious Diseases, Kumar Business Court, D Wing Mukundnagar, Pune-411037</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2010* Total budget Rs 4, 85, 078 Duration 60 Months Subject area HIV/AIDS/ STD</p>
336	Building enteric infectious disease research capacity in India	
	<p>Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2010 Total budget Rs 4, 46, 48, 820 Duration 48 Months Subject area Diarrhoeal Diseases</p>

* Final approval granted in HMSC meeting held on March 8, 2011 with conditions

S.no.	Detail of Projects	
337	Dil Mil (Hearts Together) empowering daughters and mothers in law to mitigate gender based violence and promote women's health in India	
	Principal Investigator Dr. Krishnamachari Srinivasan Vice Dean, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Institutes of Health, USA Date of approval September 8, 2010* Total budget Rs 42, 11, 685 Duration 24 Months Subject area Social & Behavioural Research
338	Integrating depression screening in HIV care in Southern India	
	Principal Investigator Dr. Rani Mohanraj Psychologist, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by National Institutes of Health, USA Date of approval September 8, 2010 Total budget Rs 64, 14, 930 Duration 24 Months Subject area HIV/AIDS/ STD
339	Sensitivity and specificity of <i>Mycobacterium tuberculosis</i> screening and diagnostics in HIV infected individuals	
	Principal Investigator Dr. Vignesh R Coordinator, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	Funded by National Institutes of Health, USA Date of approval September 8, 2010** Total budget Rs 13, 04,000 Duration 18 Months Subject area HIV/ Tuberculosis

* Extension of project till July 2013, with no additional cost, approved in HMSC meeting held on June 18, 2012

** Approved with suggestion

S.no.	Detail of Projects	
340	Monitoring and evaluation of HIV drug resistance in patients on antiretroviral therapy (TREAT Asia studies to evaluate resistance (TASER-M) Protocol)	
	<p>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</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2010[*] Total budget Rs 18, 10,000 Duration 60 Months Subject area HIV/AIDS/ STD</p>
341	Collaborative research on saliva-based biomarkers for oral cancer	
	<p>Principal Investigator Dr. Ajoy Roy Choudhury Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2010^{**} Total budget Rs 5, 77, 83,719 Duration 60 Months Subject area Oncology</p>
342	Drug resistance in different HIV-1 subtypes	
	<p>Principal Investigator Dr. S Saravanan Assistant Professor, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2010^{**} Total budget Rs 79, 27, 872 Duration 60 Months Subject area HIV/AIDS/ STD</p>

* Final approval granted in HMSC meeting held on March 8, 2011 with conditions

** Approved with conditions

S.no.	Detail of Projects	
343	Efficacy of varenicline for smokeless tobacco use in India	
	Principal Investigator Dr. Raka Jain Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval December 8, 2010 Total budget Rs 59, 55, 896 Duration 24 Months Subject area Life Style Diseases
344	HIV associated lipodystrophy syndrome in children: Role of nutrition, ART & genes	
	Principal Investigator Dr. Soumya Swaminathan Scientist G, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	Funded by National Institutes of Health, USA Date of approval December 8, 2010* Total budget Rs 45, 00, 000 Duration 48 Months Subject area HIV/AIDS/ STD
345	Inspire Indian stroke prospective registry: A large multicentric prospective study to determine etiologies, clinical practice patterns and outcomes of strokes in India	
	Principal Investigator Dr. G R K Sharma Director-in-Charge, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Institutes of Health, USA Date of approval December 8, 2010** Total budget Rs 1, 56, 19, 056 Duration 36 Months Subject area Neurosciences

* Approved with conditions and change of PI from Dr.C Padamapriyadarsini to Dr. Soumya Swaminathan in HMSC meeting held on March12, 2012

** Final approval granted in HMSC meeting held on September 8, 2011

S.no.	Detail of Projects	
346	Center for the Study of Complex Malaria in India (CSCMi)	
	<p>Principal Investigator Dr. V K Dua Scientist F, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2011 Total budget Rs 17, 32, 70, 699 Duration 84 Months Subject area Malaria</p>
347	Development of an international guide to monitor and support child development	
	<p>Principal Investigator Dr. Vibha Krishnamurthy Medical Director, Ummeed Child Development Center, 1-B, 1/62, Ground Floor, Mantri Pride, NM Joshi Marg, Subhash Nagar, Lower Parel, Mumbai-400011</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2011 Total budget Rs 1, 78, 89, 030 Duration 60 Months Subject area Child Health</p>
348	Epidemiology of novel human astroviruses	
	<p>Principal Investigator Dr. Gagandeep Kang Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2011 Total budget Rs 1, 35, 000 Duration 24 Months Subject area Other Infectious Diseases</p>

S.no.	Detail of Projects	
349	Malaria evaluation in South Asia	
	Principal Investigator Dr. Ashwani Kumar Scientist E & Officer-in-Charge, National Institute of Malaria Research (NIMR), Field Station, Panaji, Goa-403001	Funded by National Institutes of Health, USA Date of approval March 8, 2011 Total budget Rs 35, 34, 38, 235 Duration 84 Months Subject area Malaria
350	PREPARE - primary prevention strategies at the community level to promote treatment adherence to prevent cardiovascular diseases: A multi-centric household level cluster randomized trial	
	Principal Investigator Dr. Rajnish Joshi Associate Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by National Institutes of Health, USA Date of approval March 8, 2011 Total budget Rs 1, 49, 13, 053 Duration 36 Months Subject area Cardiovascular Diseases
351	Promoting maternal and infant survival everywhere, IMPAACT 1077BG, breastfeeding version of the PROMISE study (Promoting Maternal and Infant Survival Everywhere) and substudy IMPAACT P1084s: Maternal and infant monitoring for evidence of toxicity related to tenofovir exposure: The bone and kidney health substudy of the PROMISE protocol	
	Principal Investigator Dr. A V Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health, USA Date of approval March 8, 2011* Total budget Rs 2, 97, 67, 373 Duration 60 Months Subject area Child Health

* Final approval granted by Chairman, HMSC on May 9, 2011 and endorsed in HMSC meeting held on June 8, 2011

S.no.	Detail of Projects	
352	Study of a novel picornavirus genus associated with acute flaccid paralysis	
	<p>Principal Investigator Dr. T N Dhole Professor & Head, Sanjay Gandhi Postgraduate Institute of Medical Sciences, PB No. 375, Raebareli Road, Lucknow-226014</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2011 Total budget Rs 20, 60, 000 Duration 24 Months Subject area Other Infectious Diseases</p>
353	Substituting brown rice for white rice: Effects on diabetes risk factors in India	
	<p>Principal Investigator Dr. V Mohan Director, Madras Diabetes Research Foundation, No-4, Conran Smith Road, Gopalapuram, Chennai-600086</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 8, 2011* Total budget Rs 75, 78, 338 Duration 36 Months Subject area Diabetes</p>
354	International health warning study and international tobacco packaging study: Evaluating industry marketing practices	
	<p>Principal Investigator Dr. Prakash C Gupta Director, Healis-Sekhasaria Institute for Public Health, 601/B, Great Eastern Chambers, Plot No. 28, Sector-11, CBD Belapur, Mumbai-400614</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 8, 2011 Total budget Rs 6, 04, 800 Duration 6 Months Subject area Life Style Diseases</p>

* *Approved with suggestions*

S.no.	Detail of Projects	
355	Kerala - Einstein study: Healthy lifestyle, vascular disease and cognitive decline	
	Principal Investigator Dr. P S Mathuranath Associate Professor, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), (Trivandrum), Thiruvananthapuram-695011	Funded by National Institutes of Health, USA Date of approval June 8, 2011* Total budget Rs 3, 76, 71, 081 Duration 60 Months Subject area Neurosciences
356	Malaria research training in South India	
	Principal Investigator Dr. Rajeshwara Achur Associate Professor & Chairman, Kuvempu University, Shankaraghatta, Shimoga-577451	Funded by National Institutes of Health, USA Date of approval June 8, 2011 Total budget Rs 1, 12, 10, 000 Duration 60 Months Subject area Malaria
357	An exploratory analysis of NRG1 contribution to Schizophrenia susceptibility among North Indians - Re-entry funding for trainees	
	Principal Investigator Dr. Smita N Deshpande Head of Department, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by National Institutes of Health, USA Date of approval September 8, 2011* Total budget Rs 56, 70,345 Duration 24 Months Subject area Mental Health

* Approved with conditions

S.no.	Detail of Projects	
358	Antenatal corticosteroids trial in preterm births to increase neonatal survival in developing countries (ACT)	
	<p>Principal Investigator Dr. Archana Patel Professor & Head, Lata Medical Research Foundation, Kinkine Kutir, Vasant Nagar Colony Near Deeksha Bhoomi Square Nagpur-440022</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2011*</p> <p>Total budget Rs 1, 02, 62, 340</p> <p>Duration 24 Months</p> <p>Subject area Reproductive Health</p>
359	Antenatal corticosteroids trial in preterm births to increase neonatal survival in developing countries in Belgaum district, Karnataka	
	<p>Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2011*</p> <p>Total budget Rs 32, 89, 860</p> <p>Duration 24 Months</p> <p>Subject area Reproductive Health</p>
360	MTN-005: Expanded safety and adherence study of a non-medicated intravaginal ring	
	<p>Principal Investigator Dr. Sanjay Mehendale Scientist G & Director, National Institute of Epidemiology, R- 127, 3rd Avenue, Tamil Nadu Housing Board, Ayapakkam, Chennai-600077</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2011**</p> <p>Total budget Rs 1, 28, 89, 059</p> <p>Duration 60 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

** *The decision of premature closure of the study by Indian PI was noted by HMSC in its meeting held on December 10, 2012*

S.no.	Detail of Projects	
361	Radiosurgery vs. Lobectomy for temporal lobe epilepsy (ROSE)	
	Principal Investigator Dr. Ashok Mahapatra Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by National Institutes of Health, USA Date of approval September 8, 2011 Total budget Rs 2, 50, 00, 000 Duration 36 Months Subject area Neurosciences
362	Reducing early mortality and early morbidity by empiric tuberculosis treatment regimens	
	Principal Investigator Dr. Renu Bharadwaj Professor & Head, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	Funded by National Institutes of Health, USA Date of approval September 8, 2011* Total budget Rs 40, 03, 587 Duration 24 Months Subject area Tuberculosis
363	Reducing early mortality and early morbidity by empiric tuberculosis treatment regimens	
	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 National Institutes of Health, USA Date of approval September 8, 2011* Total budget Rs 70, 86, 791 Duration 24 Months Subject area Tuberculosis

* Approved with conditions

S.no.	Detail of Projects	
364	Vanderbilt - NARI - NIE informatics training program	
	<p>Principal Investigator Dr. Jayanta Bhattacharya Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 8, 2011*</p> <p>Total budget Rs 1, 09, 17, 540 (per year)</p> <p>Duration 60 Months</p> <p>Subject area Bioinformatics</p>
365	A5282: A randomized, phase II trial to compare an HPV test-and-treat strategy to a cytology based strategy for prevention of CIN 2+ in HIV-infected women	
	<p>Principal Investigator Dr. Ajay Chandanwale Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 1, 17, 57, 136</p> <p>Duration 36 Months</p> <p>Subject area HIV/AIDS/ STD</p>
366	ACTG 5274: Reducing early mortality and early morbidity by empiric tuberculosis treatment regimens	
	<p>Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011**</p> <p>Total budget Rs 70, 50, 179</p> <p>Duration 96 Months</p> <p>Subject area HIV/ Tuberculosis</p>

* *Approved with conditions*

** *Approved with suggestions*

S.no.	Detail of Projects	
367	ACTG 5282: A randomized, phase II trial to compare an HPV test-and-treat strategy to a cytology based strategy for prevention of CIN 2+ in HIV infected women	
	Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by National Institutes of Health, USA Date of approval December 8, 2011* Total budget Rs 28, 66,195 Duration 36 Months Subject area HIV/AIDS/ STD
368	ACTG5271: Collection of comparison neurocognitive data in resource limited settings	
	Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by National Institutes of Health, USA Date of approval December 8, 2011* Total budget Rs 5, 94, 000 Duration 24 Months Subject area HIV/AIDS/ STD
369	Assessment of causality between exposure to tobacco use in Bollywood movies and tobacco use among Indian adolescents	
	Principal Investigator Dr. Monika Arora Director, Health Related Information Dissemination, Amongst Youth (HRIDAY), Safdarjung Development Area, New Delhi-110016	Funded by National Institutes of Health, USA Date of approval December 8, 2011 Total budget Rs 49, 61, 952 Duration 24 Months Subject area Life Style Diseases

* Approved with suggestions

S.no.	Detail of Projects	
370	A 5265: A Phase III, open-label, randomized, assessment - blinded clinical trial to compare the safety and efficacy of topical gentian violet to that of nystatin oral suspension for the treatment of oropharyngeal candidiasis in HIV-1 infected participants	
	<p>Principal Investigator Dr. Arun Jamkar Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 79, 34, 879 Duration 6 Months Subject area HIV/AIDS/ STD</p>
371	A 5265: A Phase III, open-label, randomized, assessment - blinded clinical trial to compare the safety and efficacy of topical gentian violet to that of nystatin oral suspension for the treatment of oropharyngeal candidiasis in HIV-1 infected participants	
	<p>Principal Investigator Dr. K Ranganathan Research Director, Dental Research Foundation-Chennai, 6th Floor, Mylapore, Chennai-60004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 13, 15, 000 Duration 6 Months Subject area HIV/AIDS/ STD</p>
372	ACTG 5265: A Phase III, open-label, randomized, assessment-blinded clinical trial to compare the safety and efficacy of topical gentian violet to that of nystatin oral suspension for the treatment of oropharyngeal candidiasis in HIV-1 infected participants	
	<p>Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 1, 95, 04, 000 Duration 6 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
373	Community volunteers, solidarity and case management of tuberculosis	
	<p>Principal Investigator Dr. Soumya Swaminathan Scientist G, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 3, 71, 41, 819 Duration 60 Months Subject area Tuberculosis</p>
374	HIV, HCV and liver disease among injection drug users in Chennai	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011[*] Total budget Rs 6, 21, 80,939 Duration 24 Months Subject area HIV/AIDS/ STD</p>
375	IMPAACT 1077FF Formula Feeding version of the PROMISE study: Promoting maternal and infant survival everywhere	
	<p>Principal Investigator Dr. Renu Bhardwaj Professor & Head, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011^{**} Total budget Rs 2, 88, 54, 456 Duration 60 Months Subject area Child Health</p>

* *Approved with conditions*

** *Clarifications found satisfactory, approved and endorsed in HMSC meeting held on March 12, 2012*

S.no.	Detail of Projects	
376	Intervention to fight anemia and improve well being in a very low income setting	
	<p>Principal Investigator Dr. Sharon Barnhardt Assistant Professor, Institute for Financial Management and Research, 24 Kothari Road, Nungambakkam, Chennai-600034</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 1, 16, 18, 584 Duration 60 Months Subject area Nutrition</p>
377	Innate immune and inflammatory gene polymorphisms in Cryptosporidiosis in South India	
	<p>Principal Investigator Dr. Sitara Rao Associate Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 1, 20, 16, 800 Duration 60 Months Subject area Diarrhoeal Diseases</p>
378	Integrated care clinics for IDUS in India: A cluster randomized trial	
	<p>Principal Investigator Dr. Suresh Kumar Consultant, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 24, 79, 71, 000 Duration 60 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
379	Multicenter study of options for Second Line Effective Combination Therapy (SELECT), a multicenter trial of the AIDS Clinical Trials Group (ACTG)	
	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 National Institutes of Health, USA Date of approval December 8, 2011 Total budget Rs 1, 16, 99, 594 Duration 12 Months Subject area HIV/AIDS/ STD
380	Preventing HIV among MSM in India	
	Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	Funded by National Institutes of Health, USA Date of approval December 8, 2011 Total budget Rs 7, 92, 63,000 Duration 60 Months Subject area HIV/AIDS/ STD
381	Surgical Treatment for Ischemic Heart Failure Extended Study (STICHES)	
	Principal Investigator Dr. D 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, USA Date of approval December 8, 2011* Total budget Rs 92, 25,000 Duration 60 Months Subject area Cardiovascular Diseases

* Approved for 7 study sites only

S.no.	Detail of Projects	
382	US-India Collaborative Partnership in Parkinson Disease (CPPD)	
	<p>Principal Investigator Dr. Madhuri Behari Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by National Institutes of Health, USA (funded by DBT, Govt. of India)</p> <p>Date of approval December 8, 2011[*]</p> <p>Total budget Rs 22, 75, 46, 000</p> <p>Duration 24 Months</p> <p>Subject area Neurosciences</p>
383	A5279: Phase III clinical trial of ultra-short-course Rifapentine / Isoniazid for the prevention of active tuberculosis in HIV - infected individuals with latent tuberculosis infection	
	<p>Principal Investigator Dr. Ajay Chandanwale Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 12, 2012</p> <p>Total budget Rs 2, 39, 69, 646</p> <p>Duration 36 Months</p> <p>Subject area HIV/ Tuberculosis</p>
384	A5279: Phase III clinical trial of ultra-short-course Rifapentine / Isoniazid for the prevention of active tuberculosis in HIV - infected individuals with latent tuberculosis infection	
	<p>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</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 12, 2012</p> <p>Total budget Rs 62, 15, 692</p> <p>Duration 50 Months</p> <p>Subject area HIV/ Tuberculosis</p>

* *Approved with conditions*

S.no.	Detail of Projects	
385	A5279: Phase III clinical trial of ultra-short-course Rifapentine / Isoniazid for the prevention of active tuberculosis in HIV - infected individuals with latent tuberculosis infection	
	Principal Investigator Dr. Srikanth P Tripathy Scientist F, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by National Institutes of Health, USA Date of approval March 12, 2012 Total budget Rs 99, 35,746 Duration 36 Months Subject area HIV/ Tuberculosis
386	Evaluation of helping babies breathe in Belgaum, Kenya and Nagpur: Does implementation of helping babies breathe save lives?	
	Principal Investigator Dr. Shivaprasad S Goudar Professor & Head, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by National Institutes of Health, USA Date of approval March 12, 2012 Total budget Rs 2, 73, 91, 000 Duration 24 Months Subject area Child Health
387	Evaluation of helping babies breathe in Belgaum, Kenya and Nagpur: Does implementation of helping babies breathe save lives?	
	Principal Investigator Dr. Archana Patel Professor & Head, Lata Medical Research Foundation, Kinkine Kutir, Vasant Nagar Colony, Near Deeksha Bhoomi Square, Nagpur-440022	Funded by National Institutes of Health, USA Date of approval March 12, 2012 Total budget Rs 2, 47, 72, 386 Duration 24 Months Subject area Child Health

S.no.	Detail of Projects	
388	HIV / AIDS and orphan care / positive outcomes for orphans	
	<p>Principal Investigator Dr. Neville Selhore Director, Sahara House Centre for Residential Care and Rehabilitation, E-453, Greater Kailash-1, New Delhi-110048</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 1, 69, 72,120 Duration 48 Months Subject area HIV/AIDS/ STD</p>
389	Metabolic characteristics of lean diabetes in rural and semi-urban India	
	<p>Principal Investigator Dr. Nihal Thomas Head & Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 12, 2012* Total budget Rs 11, 76, 355 Duration 36 Months Subject area Diabetes</p>
390	Strategic Timing of Antiretroviral Treatment (START) - Insight Protocol 001: START	
	<p>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</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval March 12, 2012* Total budget Rs 78, 43,116 Duration 72 Months Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

S.no.	Detail of Projects	
391	Stroke risk in Indians: an Indo-US collaborative study	
	Principal Investigator Dr. S. K Das Professor & Head, Bangur Institute of Neuroscience (BIN), 52/1A Shambunath Pandit Road, Kolkata-700025	Funded by National Institutes of Health, USA Date of approval March 12, 2012 Total budget Rs 3, 02, 67, 735 Duration 60 Months Subject area Neurosciences
392	Visceral Leishmaniasis in Bihar State, India	
	Principal Investigator Dr. Shyam Sundar Professor, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Funded by National Institutes of Health, USA Date of approval March 12, 2012* Total budget Rs 14, 31, 27,150 Duration 60 Months Subject area Leishmaniasis
393	Share: South Asian hub for advocacy, research and education in mental health	
	Principal Investigator Dr. Vikram Patel Professor, Sangath Centre, 841/1 Alto Porvorim, Goa-403521	Funded by National Institutes of Health, USA Date of approval March 12, 2012** Total budget Rs 10, 34, 82,165 Duration 60 Months Subject area Mental Health

* Approved with conditions

** Approved for phase I part of study only and there should be a midterm appraisal of the study

S.no.	Detail of Projects	
394	A5273: Multicenter study of options for Second-Line Effective Combination Therapy (SELECT)	
	<p>Principal Investigator Dr. Ajay Chandanwale Dean, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 42, 26, 640 Duration 24 Months Subject area HIV/AIDS/ STD</p>
395	A5273: Multicenter study of options for Second-Line Effective Combination Therapy (SELECT)	
	<p>Principal Investigator Dr. Raman Gangakhedkar Scientist E, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 31, 86,183 Duration 24 Months Subject area HIV/AIDS/ STD</p>
396	Cervical cancer prevention in HIV infected women in Pune: Evaluation of screening tests based on p16INK4a expression and evaluation of cold coagulation as a treatment option for cervical intraepithelial neoplasia for prevention of cervical cancer in HIV infected women	
	<p>Principal Investigator Dr. Smita Joshi Principal Investigator, Amrita Clinic, Athawale Corner Bulding, Near Sambhaji Bridge, Karve Road, Pune-411004</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 46, 67, 509 Duration 24 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
397	Cross-cultural reliability and validity of intermediate measures (CIM II) of the measurement and treatment research to improve cognition in Schizophrenia (MATRICS)	
	<p>Principal Investigator Dr. J K Trivedi Professor, Chhatrapati Shahuji Maharaj Medical University, (Erstwhile King George Medical College), Chowk, Lucknow-226003</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 69,600 per patient Duration 12 Months Subject area Mental Health</p>
398	Early psychosis in India and Canada: Investigating outcomes and family factors	
	<p>Principal Investigator Dr. R Thara Director, Schizophrenia Research Foundation (SCARF), R/7 A North Main Road, Anna Nagar West Extension, Chennai-600101</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 1, 89, 45,716 Duration 60 Months Subject area Mental Health</p>
399	Impact of malaria co - infection on HIV- associated neurocognitive disorders	
	<p>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</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 14, 73, 553 Duration 48 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
400	Transcriptional analysis of the guinea pig model of Tuberculosis	
	<p>Principal Investigator Dr. Raja Mugasimangalam Chief Executive Officer, Genotype Technology, (P) 259 Apurva, 4th Cross 80 Feet Road, Bangalaoe-560094</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 27, 00, 000 Duration 24 Months Subject area Tuberculosis</p>
401	Strategic Timing of Antiretroviral Treatment (START)	
	<p>Principal Investigator Dr. Sanjay Pujari Director & Chief Consultant, Institute of Infectious Diseases, Kumar Business Court, D Wing, Mukundnagar, Pune-411037</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval June 18, 2012[*] Total budget Rs 10, 21, 680 Duration 72 Months Subject area HIV/AIDS/ STD</p>
402	A cluster-randomized trial to evaluate the effects of a simplified cardiovascular management program in China and India (SIMCARD)	
	<p>Principal Investigator Dr. Ajay S Vamadevan Senior Research Fellow, Centre of Excellence - CARRS PHFI, C-1/52, 2nd floor, Safdarjung Development Area, New Delhi-110016</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 10, 2012 Total budget Rs 82, 34, 040 Duration 24 Months Subject area Cardiovascular Diseases</p>

* *Approved with conditions*

S.no.	Detail of Projects	
403	Capacity building of volunteer adolescent peer leaders for promoting effective reduction in early marriage and early pregnancy among rural unmarried adolescents in Maharashtra	
	Principal Investigator Dr. Balaiah Donta Scientist F, National Institute for Research in Reproductive Health (NIRRH), Jehangir Merwanji Road, Parel, Mumbai-400012	Funded by National Institutes of Health, USA Date of approval September 10, 2012* Total budget Rs 18, 00, 310 Duration 12 Months Subject area Reproductive Health
404	Effect of FADS gene variants on fatty acid synthesis and brain development in India	
	Principal Investigator Dr. Suchetha Kumari Professor, K. S. Hegde Medical Academy, NITTE University, Deralakatte, Mangalore-575018	Funded by National Institutes of Health, USA Date of approval September 10, 2012 Total budget Rs 36, 22, 072 Duration 24 Months Subject area Neurosciences
405	Effect of filarial infection on antigen-specific immune responses in latent tuberculosis in South India	
	Principal Investigator Dr. P Paul Kumaran Scientist D, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	Funded by National Institutes of Health, USA Date of approval September 10, 2012 Total budget Rs 22, 00, 000 Duration 36 Months Subject area Filariasis

* Approved with conditions

S.no.	Detail of Projects	
406	Enhancing HIV treatment adherence in South India: The Chetana study	
	<p>Principal Investigator Dr. Sara Chandy Assistant Professor, St. Johns Medical College and Institute of Population Health and Clinical Research (IPHCR), St. Johns National Academy of Health Sciences, Banglalore-560034</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 10, 2012*</p> <p>Total budget Rs 4, 35, 55, 092</p> <p>Duration 60 Months</p> <p>Subject area HIV/AIDS/ STD</p>
407	First-line Anti metabolites as Steroid Sparing Treatment (FAST) uveitis trial	
	<p>Principal Investigator Dr. S R Rathinam Head of Uveitis Service, Aravind Eye Hospital & PG Institute of Ophthalmology, 1, Annanagar, Madurai-625020</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 10, 2012</p> <p>Total budget Rs 80, 86, 582</p> <p>Duration 60 Months</p> <p>Subject area Ophthalmology</p>
408	High density lipoprotein cholesterol and gene polymorphisms among HIV infected South Indians on first line antiretroviral therapy	
	<p>Principal Investigator Dr. C Padmapriyadarsini Scientist D, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval September 10, 2012</p> <p>Total budget Rs 7, 50, 000</p> <p>Duration 12 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

S.no.	Detail of Projects	
409	The impact of microfinance on health: Evidence from India	
	Principal Investigator Dr. Ajay Tannirkulam Executive Director, Centre for Micro Finance, 8 th Floor West Wing, Fountain Plaza, Khaleel Shirazi Estate, 31/2A, Pantheon Road Egmore, Chennai-600008	Funded by National Institutes of Health, USA Date of approval September 10, 2012* Total budget Rs 3, 72, 693 Duration 60 Months Subject area Health Systems Research
410	Indian sub project: Comparison of the genetic correlates of HIV / AIDS progression that predict viral induced neurologic dysfunction in HIV - 1 subtype C and subtype B Comprehensive NeuroAIDS Core Centre (CNACC)	
	Principal Investigator Dr. Nirmala Rajagopalan Senior Physician, Freedom Foundation, 1 st Street HBR layout, Bangalore-560043	Funded by National Institutes of Health, USA Date of approval September 10, 2012 Total budget Rs 1, 25, 16, 100 Duration 60 Months Subject area HIV/AIDS/ STD
411	Alcohol and ART Adherence: Assessment, Intervention and Modelling (AIM) in India	
	Principal Investigator Dr. Niranjan Saggurti Project Director, Population Council, 142 Golf Links, New Delhi-110003	Funded by National Institutes of Health, USA Date of approval December 10, 2012** Total budget Rs 6, 33, 26, 125 Duration 60 Months Subject area HIV/AIDS/ STD

* The study was approved with conditions to ensure transfer of technology to Indian lab. The approval was withdrawn in HMSC meeting held on December 10, 2012 since PI did not agree to the conditions

** Approved with conditions

S.no.	Detail of Projects	
412	ASHA improving health and nutrition of Indian women with AIDS and their children	
	<p>Principal Investigator Dr. Sanjeev Sinha Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 10, 2012*</p> <p>Total budget Rs 3, 64, 48,763</p> <p>Duration 60 Months</p> <p>Subject area HIV/AIDS/ STD</p>
413	Reducing AIDS stigma among health professionals in India	
	<p>Principal Investigator 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 National Institutes of Health, USA</p> <p>Date of approval December 10, 2012*</p> <p>Total budget Rs 5, 10, 34,962</p> <p>Duration 60 Months</p> <p>Subject area HIV/AIDS/ STD</p>
414	Social network positional selection of peer change agents	
	<p>Principal Investigator Dr. Rakhi Dandona Additional Professor, Public Health Foundation of India, ISID Campus 4 Institutional Area, Vasant Kunj, New Delhi-110070</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 44, 25,000</p> <p>Duration 24 Months</p> <p>Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

S.no.	Detail of Projects	
415	The impact of diabetes on TB treatment outcomes	
	<p>Principal Investigator Dr. Tilak Dhamgaye Professor & Head, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by National Institutes of Health, USA</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 4, 76, 21,775</p> <p>Duration 60 Months</p> <p>Subject area Tuberculosis</p>
416	First episode psychosis in South India	
	<p>Principal Investigator Dr. R Thara Director, Schizophrenia Research Foundation (SCARF), R/7 A North Main Road, Anna Nagar, West Extention, Chennai-600101</p>	<p>Funded by National Institutes of Health, USA and Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval September 8, 2009</p> <p>Total budget Rs 23, 10, 525</p> <p>Duration 60 Months</p> <p>Subject area Mental Health</p>
417	Effects of maternal iodine supplementation in an area of mild iodine deficiency on infant development to 2 years	
	<p>Principal Investigator Dr. Krishnamachari Srinivasan Vice 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 Nestle Foundation, Switzerland</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 96, 68, 070</p> <p>Duration 36 Months</p> <p>Subject area Nutrition</p>

S.no.	Detail of Projects	
418	Treatment in early Neuritis in leprosy (TENLEP Trials)	
	<p>Principal Investigator Dr. Sajid Husain Scientist F, National JALMA Institute for Leprosy & OMD, Taj Ganj, Agra-282001</p>	<p>Funded by Netherland Leprosy Relief Turing Foundation, The Netherlands</p> <p>Date of approval March 8, 2011 Total budget Rs 37, 00,000 Duration 36 Months Subject area Leprosy</p>
419	Analysis of genetic factors influencing axial globe length and corneal curvature of the eye	
	<p>Principal Investigator Dr. P Leema Reddy Medical Advisor, Clinnova Research Lab, 203,204 Concord Apartments, Somajiguda, Hyderabad-203204</p>	<p>Funded by Neurogenetics Foundation & National Institutes of Health, USA</p> <p>Date of approval December 8, 2011 Total budget Rs 17, 30, 000 Duration 42 Months Subject area Ophthalmology</p>
420	Surgical Trial in Traumatic Intracerebral Haemorrhage (STITCH TRAUMA)	
	<p>Principal Investigator Dr. P Sarat Chandra Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Newcastle University, United Kingdom</p> <p>Date of approval March 8, 2011* Total budget Rs 23, 97, 318 Duration 36 Months Subject area Neurosciences</p>

* Approved for inclusion of six more study sites in HMSC meeting held on September 10, 2012

S.no.	Detail of Projects	
421	EU-CORE European CUBICIN outcomes registry and experience for the treatment of serious gram positive infections	
	Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Novartis Healthcare Pvt. Ltd., India Date of approval December 8, 2011* Total budget Rs 3, 00, 000 per centre Duration 6 Months Subject area Bacteriology
422	International standardization of BCR-ABL RQ-PCR testing in patients with chronic myelogenous leukemia	
	Principal Investigator Dr.Renu Saxena Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Novartis Healthcare Pvt. Ltd., India Date of approval September 10, 2012** Total budget Rs 4, 00, 000 Duration 24 Months Subject area Oncology
423	Multicenter, randomized, double blind, multi-dose, placebo-controlled study to evaluate the efficacy, safety, and tolerability of UCL-LIV in the treatment of hyperammonemia in patients with Acute Liver Failure (ALF)	
	Principal Investigator Dr. Subrat Acharya Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Ocera Therapeutics, Inc. CA, USA Date of approval March 8, 2010*** Total budget Rs 39, 50,000 Duration 6 Months Subject area Gastroenterology

* Approved for 4 centres only out of 11

** Approved for other four participating Indian centers in HMSC meeting held on December 10, 2012

*** Approved for AIIMS, New Delhi and PGIMER, Chandigarh sites only

S.no.	Detail of Projects	
424	Prospective, open-label, multi-centre, phase III clinical study to investigate the efficacy and safety of human factor VWF/VIII concentrate (Wilate®) in subjects with inherited Type 3 Von Willebrand Disease (VWD) who undergo major surgical procedures	
	<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>Octapharma, AG, Switzerland</p> <p>Date of approval September 10, 2012*</p> <p>Total budget Rs 4, 32, 000</p> <p>Duration 36 Months</p> <p>Subject area Haematology</p>
425	Studies on emerging and re-emerging infectious diseases, Phase II	
	<p>Principal Investigator</p> <p>Dr. G Balakrish Nair Scientist G & Director, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by</p> <p>Okayama University through Ministry of Education, Culture, Sports, Science and Technology, Japan</p> <p>Date of approval March 8, 2010</p> <p>Total budget Rs 2, 90, 00, 000</p> <p>Duration 60 Months</p> <p>Subject area Diarrhoeal Diseases</p>
426	Studies on emerging and re-emerging infectious diseases, Phase II- Subproject: “The effect of a probiotic fermented milk drink, on the intestinal microbiota and intestinal environment in both young and elderly healthy individuals in an urban community in Kolkata, India”	
	<p>Principal Investigator</p> <p>Dr. T Ramamurthy Scientist F, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by</p> <p>Okayama University through Ministry of Education, Culture, Sports, Science and Technology, Japan</p> <p>Date of approval June 18, 2012**</p> <p>Total budget Not Requested</p> <p>Duration 6 Months</p> <p>Subject area Diarrhoeal Diseases</p>

* Approved for AIIMS only

** Approved with conditions and no additional budget for this sub-project

S.no.	Detail of Projects	
427	Data collection pilot study for the development of Parasight P1 device	
	Principal Investigator Dr. Anupkumar Anvikar Scientist D, National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by Parasight Ltd. (IL), Jerusalem Technology Park, Israel Date of approval June 18, 2012 Total budget Rs 3, 30, 000 Duration 6 Months Subject area Malaria
428	Efficacy/evaluation of the Parasight P1 device for malaria diagnosis	
	Principal Investigator Dr. Anupkumar Anvikar Scientist D, National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077	Funded by Parasight Ltd. (IL), Jerusalem Technology Park, Israel Date of approval September 10, 2012 Total budget Rs 13, 60, 468 Duration 12 Months Subject area Malaria
429	Open-label, dose confirmation study of interstitial (131) I-chTNT-1/BMAb (COTARA TM) for the treatment of Glioblastoma Multiforme (GBM) at first relapse	
	Principal Investigator Dr. Deepak Gupta Assistant Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Peregrine Pharmaceuticals Inc., USA Date of approval March 8, 2010 Total budget Rs 20, 00, 000 Duration 60 Months Subject area Neurosciences

S.no.	Detail of Projects	
430	A randomized double-blind placebo-controlled phase 2 trial of bavituximab plus docetaxel in patients with previously treated locally advanced or metastatic non squamous non-small-cell lung cancer	
	Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Peregrine Pharmaceuticals Inc., USA Date of approval December 8, 2011 Total budget Rs 26, 38, 790 Duration 6 Months Subject area Oncology
431	International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE)	
	Principal Investigator Dr. Anura Kurpad Professor & Head, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Pennington Biomedical Research Center, Louisiana, USA Date of approval December 10, 2012 Total budget Rs 89, 16,854 Duration 48 Months Subject area Child Health
432	A phase III, randomized, comparative, open-label study of intravenous iron oligosaccharide (Monofer®) administered by infusions or repeated bolus injections in comparison with oral iron sulphate in inflammatory bowel disease subjects with iron deficiency anaemia	
	Principal Investigator Dr. Vineet Ahuja Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Pharmacosmos A/S Holbaek, Denmark Date of approval December 8, 2010* Total budget Rs 16, 00, 000 Duration 17 Months Subject area Gastroenterology

* Approved for AIIMS, New Delhi only

S.no.	Detail of Projects	
433	INTERSTROKE-INDIA Importance of conventional and emerging risk factors for stroke in different regions of India-A case control study	
	Principal Investigator Dr. A K Roy Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Population Health Research Institute, McMaster University, Canada Date of approval June 8, 2010 Total budget Rs 51, 55, 484 Duration 36 Months Subject area Cardiovascular Diseases
434	The Peri-Operative Ischemia Evaluation (POISE-2) Trial - A large, international, placebo-controlled, factorial trial to assess the impact of clonidine and acetyl-salicylic acid (ASA) in patients undergoing noncardiac surgery who are at risk of a perioperative cardiovascular event	
	Principal Investigator Dr. Alben Sigamani Assistant Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Population Health Research Institute, McMaster University, Canada Date of approval September 8, 2011* Total budget Rs 6, 99, 73, 830 Duration 36 Months Subject area Cardiovascular Diseases
435	Steroids in Cardiac Surgery (SIRS)	
	Principal Investigator Prof. Narendra K Arora Director, International Clinical Epidemiology Network (INCLEN), Executive office, F-1/5, 2nd Floor, Okhla Industrial Area, New Delhi-110020	Funded by Population Health Research Institute, McMaster University, Canada and Hamilton Health Sciences Corporation, Canada Date of approval June 8, 2009** Total budget Rs 10, 34, 000 Duration 42 Months Subject area Cardiovascular Diseases

* Clarifications found satisfactory, approved and endorsed in HMSC meeting held on June 18, 2012

** Approved for study sites at Fortis, Mohali & Sanjay Gandhi PG Institute of Medical Sciences, Lucknow

S.no.	Detail of Projects	
436	Single arm open-label multicenter phase II study to evaluate the efficacy and safety of P276-00 in patients with relapsed and /or refractory mantle cell lymphoma	
	<p>Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Piramal Life Sciences Ltd., Mumbai</p> <p>Date of approval December 8, 2010*</p> <p>Total budget Rs 2, 68, 000</p> <p>Duration 24 Months</p> <p>Subject area Oncology</p>
437	Post-licensure efficacy of a single dose of live attenuated SA 14-14-2 vaccine against Japanese Encephalitis in India	
	<p>Principal Investigator Dr. Milind Gore Scientist F, National Institute of Virology, Gorakhpur Unit, BRD Medical College Campus, Gorakhpur-273 013</p>	<p>Funded by Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 1, 68, 76, 000</p> <p>Duration 12 Months</p> <p>Subject area Japanese Encephalitis</p>
438	Evaluation of care HPV test in early detection of cervical cancer and precancers in the slums of Hyderabad, India- A demonstration project. (START UP project)	
	<p>Principal Investigator Dr. Usha Rani Poli Professor, Mehdi Nawaz Jung (MNJ), Institute of Oncology & RCC Red Hills, Hyderabad-500004</p>	<p>Funded by Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 51, 84, 396</p> <p>Duration 36 Months</p> <p>Subject area Oncology</p>

* Rectified in HMSC meeting held on March 8, 2011 for approval of study center at AIIMS only with Dr. Vinod Raina as PI in place of Dr. Reena Nair from Tata Memorial Hospital, Mumbai

S.no.	Detail of Projects	
439	Fast-HPV versus other options of screening for cancer of cervix in a rural community - A demonstration project	
	Principal Investigator Dr. L Satyanarayana Scientist E, Institute of Cytology and Preventive Oncology (ICPO), 1-7, Sector-39, Near Degree College, NOIDA-201301	Funded by Program for Appropriate Technology in Health (PATH), USA Date of approval March 2, 2009 Total budget Rs 58, 94, 300 Duration 30 Months Subject area Oncology
440	A post-licensure observational study of HPV vaccination in Khammam district Andhra Pradesh & Vadodara District, Gujarat: Demonstration	
	Principal Investigator Dr. Martha Jacob Senior Program Manager, PATH India Projects, A-9, Qutab Institutional Area, New Delhi-110067	Funded by Program for Appropriate Technology in Health (PATH), USA Date of approval June 8, 2009* Total budget Rs 29, 76, 000 Duration 30 Months Subject area Oncology
441	Biomarkers in transplantation external qualification phase	
	Principal Investigator Dr. Madhu Khullar Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by PROOF Centre of Excellence, Vancouver, Canada and Genome British Columbia, UK Date of approval September 8, 2011 Total budget Rs 56, 28, 256 Duration 36 Months Subject area Genomics

* Approved for Andhra Pradesh study site only

S.no.	Detail of Projects	
442	Molecular epidemiology of malaria in India and Qatar with an emphasis on parasite diversity, drug resistance and immune response	
	<p>Principal Investigator Dr. Neeru Singh Scientist G & Director, Regional Medical Research Centre for Tribal, RMRCT Campus, Nagpur Road, Garha, Jabalpur-482003</p>	<p>Funded by Qatar National Research Fund National Priorities Research Program</p> <p>Date of approval March 12, 2012 Total budget Rs 68, 98, 500 Duration 36 Months Subject area Malaria</p>
443	Role of dietary glutamate on thermogenesis and sleep in rats	
	<p>Principal Investigator Dr. H N Mallick Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Quality Assurance & External Scientific Affairs Department Ajinomoto Co; Tokyo, Japan</p> <p>Date of approval December 8, 2011 Total budget Rs 13, 33, 500 Duration 36 Months Subject area Nutrition</p>
444	(Australia-Canada-India Chlamydia Research Alliance) Improved detection, treatment and control of Chlamydia infection	
	<p>Principal Investigator Dr. Aruna Singh nee Mittal Scientist F, Institute of Pathology, Safdarjung Hospital Campus, Post Box 4909, New Delhi-110029</p>	<p>Funded by Queensland Government, (National and International Research Alliance Programme, Australia</p> <p>Date of approval June 8, 2010 Total budget Rs 40, 95, 600 Duration 36 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
445	TMC International Sarcoma Kindred Study (TISKS) as a part of International Sarcoma Kindred Study (ISKS)	
	Principal Investigator Dr. Ajay Puri Surgeon, Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai-400012	Funded by Rainbows for Kate Foundation, Australia Date of approval June 18, 2012* Total budget Rs 3, 70, 000 Duration 36 Months Subject area Oncology
446	Serum cholesterol lowering efficacy of cookie enriched with stanol ester during regular meal	
	Principal Investigator Dr. B Sesikeran Scientist G & Director, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by Raisio PLC, Finland Date of approval June 8, 2009 Total budget Rs 9, 60, 000 Duration 6 Months Subject area Nutrition
447	Malaria and HIV co- infection in Southern India	
	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 REACH Initiative of Tibotec / University of California, San Diego, USA Date of approval June 8, 2009* Total budget Rs 15, 98, 200 Duration 12 Months Subject area HIV/AIDS/ STD

* Approved with conditions

S.no.	Detail of Projects	
448	To study the presence of common enteric parasites found during regular hand washing	
	<p>Principal Investigator Dr. Sandipan Ganguly Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010</p>	<p>Funded by Research Foundation of the City University of New York (RFCUNY), USA</p> <p>Date of approval June 8, 2009 Total budget Rs 4, 80, 000 Duration 12 Months Subject area Diarrhoeal Diseases</p>
449	Exotic fish and the biological control of malaria in a biodiversity hotspot	
	<p>Principal Investigator Dr. S K Ghosh Scientist E, National Institute of Malaria Research (NIMR), Field Unit, Epidemic Diseases Hospital Campus, Old Madras Road, Bangalore-560038</p>	<p>Funded by Royal Society, London, United Kingdom</p> <p>Date of approval March 2, 2009 Total budget Rs 5, 56, 000 Duration 24 Months Subject area Malaria</p>
450	Examination of the use of traditional medicines for HIV / AIDS in India	
	<p>Principal Investigator Dr. Jayagowri Sastry Principal Investigator, B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001</p>	<p>Funded by Samueli Institute for Information Biology, USA</p> <p>Date of approval December 22, 2008 * Total budget Rs 24, 49, 125 Duration 24 Months Subject area HIV/AIDS/ STD</p>

* *Approved with conditions*

S.no.	Detail of Projects	
451	Burden and economic and cost of dengue in India: A retrospective study at major teaching hospitals and nearby ambulatory institutions	
	Principal Investigator Dr. Deoki Nandan Director, National Institute of Health and Family Welfare, Baba Gang Nath Marg, Munirka, New Delhi-110067	Funded by Sanofi Pasteur, France Date of approval September 8, 2011* Total budget Rs 36, 00, 000 Duration 12 Months Subject area Dengue
452	Isolation and genetic characterization of circulating cell - free fetal DNA for non-invasive prenatal diagnosis of haemoglobinopathies and monitoring of pre-eclampsia (NIPPED)	
	Principal Investigator Dr. Madhulika Kabra Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Science and Innovation Ministry, Spain Date of approval September 8, 2010* Total budget Rs 14, 84, 000 Duration 36 Months Subject area Genomics
453	Research study on the health-related quality of life of HIV/AIDS patients: Development and validation of a new specific PRO instrument	
	Principal Investigator Dr. Rewa Malhotra Kohli Managing Committe Member, CARIN Trust National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	Funded by SIDACTION, France Date of approval March 8, 2010 Total budget Rs 1, 22, 018 Duration 3 Months Subject area HIV/AIDS/ STD

* Approved with conditions

S.no.	Detail of Projects	
454	Delhi eye banking pilot study - Dr. R.P. Centre for Ophthalmic Sciences / AIIMS Dr. Shroff Charity Eye Hospital, and Sightlife	
	<p>Principal Investigator Dr. Azad Rajvardhan Professor & Chief, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Sight Life, Seattle, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 8, 39, 000 Duration 12 Months Subject area Ophthalmology</p>
455	Aspirin for Dukes C and high risk Dukes B colorectal Cancers, An international, multicentre, double blind, randomized placebo controlled phase III trial	
	<p>Principal Investigator Dr. Atul Sharma Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Singapore Clinical Research Institute, Singapore</p> <p>Date of approval September 10, 2012 Total budget Rs 2, 47, 50, 000 Duration 60 Months Subject area Oncology</p>
456	Evaluation of ventricular intrinsic preference plus ventricular auto capture features in dual chamber pacemaker patients	
	<p>Principal Investigator Dr. Rakesh Yadav Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by St. Jude Medical HongKong Pvt Ltd.</p> <p>Date of approval March 8, 2011* Total budget Rs 3, 81, 800 Duration 36 Months Subject area Cardiovascular Diseases</p>

* Approved for AIIMS only

S.no.	Detail of Projects	
457	Efficacy of the presence of right ventricular apical pacing induced ventricular dyssynchrony as a guiding parameter for biventricular pacing in patients with bradycardia and normal ejection fraction (ENHANCE)	
	Principal Investigator Dr. Rakesh Yadav Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by St. Jude Medical India Pvt. Ltd. Date of approval September 10, 2012* Total budget Rs 7, 57, 710 Duration 36 Months Subject area Cardiovascular Diseases
458	More options available with quadripolar LV lead pRoVIDE in clinical solution to CRT challenges (More CRT)	
	Principal Investigator Dr. Gautam Sharma Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by St. Jude Medical India Pvt. Ltd. Date of approval September 10, 2012* Total budget Rs 7, 52, 001 Duration 30 Months Subject area Cardiovascular Diseases
459	Valacyclovir augmentation for cognitive and functional remediation in schizophrenia: Replication and extension	
	Principal Investigator Dr. Smita N Deshpande Head of Department, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by Stanley Medical Research Institute, USA Date of approval September 10, 2012** Total budget Rs 7, 28, 73, 320 Duration 36 Months Subject area Mental Health

* Approved for AIIMS, New Delhi only

** Approved with conditions

S.no.	Detail of Projects	
460	Expanding the medical abortion provider base in India: Building evidence on the feasibility of provision of abortion by ayurvedic and homeopathic doctors and nurses	
	<p>Principal Investigator Dr. Shireen Jejeebhoy Senior Associate, Population Council South & East Asia- Regional Office, Zone 5 A, Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003</p>	<p>Funded by Swedish International Development Cooperation Agency (SIDA), Sweden</p> <p>Date of approval March 2, 2009 Total budget Rs 79, 09, 100 Duration 18 Months Subject area Reproductive Health</p>
461	Management of medical abortion in India provided by midlevel providers or physicians: A two arm randomized controlled trial	
	<p>Principal Investigator Dr. Suneeta Mittal Professor & Unit Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Swedish International Development Cooperation Agency (SIDA), Sweden</p> <p>Date of approval March 12, 2012 Total budget Rs 26, 49, 865 Duration 24 Months Subject area Reproductive Health</p>
462	Expanding the provider base in India: The feasibility of MVA provision by non-MBBS providers	
	<p>Principal Investigator Dr. Shireen Jejeebhoy Senior Associate, Population Council South & East Asia- Regional Office, Zone 5 A, Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003</p>	<p>Funded by The David and Lucile Packard Foundation, USA</p> <p>Date of approval March 8, 2010 Total budget Rs 2, 64, 00, 052 Duration 18 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
463	Impact of climate variability and urbanization on water storage practices and vector-borne disease incidence: Developing an understanding for risk prediction and response using Delhi, India as context	
	Principal Investigator Dr. R C Dhiman Scientist F, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by The Earth Institute, Columbia University, USA Date of approval March 12, 2012 Total budget Rs 1, 30, 688 Duration 6 Months Subject area Vector Borne Diseases
464	Functional analysis of oral cancer-specific tumour suppressor p53 mutants: Differential gene expression profiling and its relation to p53-DBS binding in epithelial cells expressing various oral cancer-specific p53 mutants	
	Principal Investigator Dr. Uttam Pati Professor, School of Biotechnology, Jawaharlal Nehru University, New Mehrauli Road, New Delhi-110067	Funded by The International Agency for Research on Cancer (IARC), France Date of approval March 25, 2008 Total budget Rs 1, 53, 64, 000 Duration 48 Months Subject area Oncology
465	Study on association of Human Papilloma Virus in carcinoma esophagus in females	
	Principal Investigator Dr. D P Punia Director, Acharya Tulsi Regional Cancer Treatment & Research Institute, Bikaner-334001	Funded by The International Agency for Research on Cancer (IARC), France Date of approval March 25, 2008 Total budget Rs 35, 50,000 Duration 36 Months Subject area Oncology

S.no.	Detail of Projects	
466	Pattern of survival and quality of life of oesophagus, stomach, nasopharynx, hepatocellular, lung cancer patients in North East Region of India	
	<p>Principal Investigator Dr. J Mahanta Scientist G & Director, Regional Medical Research Centre (RMRC), NE Region, Post Box No. 105, Dibrugarh-786001</p>	<p>Funded by The International Agency for Research on Cancer (IARC), France</p> <p>Date of approval June 23, 2008 Total budget Rs 1, 50, 43, 248 Duration 48 Months Subject area Oncology</p>
467	Effectiveness and safety of 2 vs. 3 doses of HPV vaccine in preventing cervical cancer: An Indian multi-centre randomized trial	
	<p>Principal Investigator Dr. Neeraj Bhatla Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by The International Agency for Research on Cancer (IARC), France</p> <p>Date of approval December 22, 2008[*] Total budget Rs 92, 00, 000 Duration 60 Months Subject area Oncology</p>
468	Expanding research capacity in rural Maharashtra: NARI-AIDS Rural Research Initiative in Maharashtra (N-ARRIM)	
	<p>Principal Investigator Dr. Seema Sahay Scientist D, National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026</p>	<p>Funded by The International AIDS Vaccine Institute, New Delhi</p> <p>Date of approval December 8, 2011 Total budget Rs 64, 94, 540 Duration 24 Months Subject area HIV/AIDS/ STD</p>

* Approved with suggestion that result of the study should be reviewed after 3 years of initiation of study

S.no.	Detail of Projects	
469	The evaluation of a standardized treatment regimen of anti-tuberculosis drugs for patients with MDR - TB (STREAM)	
	Principal Investigator Dr. Aleyamma Thomas Scientist F, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	Funded by The International Union Against Tuberculosis & Lung Diseases, USA Date of approval June 18, 2012* Total budget Rs 4, 67, 62,515 Duration 48 Months Subject area Tuberculosis
470	Safety and immunogenicity of a killed oral cholera vaccine among infants aged 10 weeks to 6 months when given concomitantly with EPI vaccines	
	Principal Investigator Dr. Alok Kumar Deb Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	Funded by The International Vaccine Institute, Korea Date of approval March 25, 2008 Total budget Rs 31, 96, 089 Duration 15 Months Subject area Diarrhoeal Diseases
471	Exploration of the biologic basis for underperformance of oral polio and rotavirus vaccine in India	
	Principal Investigator Dr. Dipika Sur Scientist F, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	Funded by The International Vaccine Institute, Korea Date of approval December 8, 2011 Total budget Rs 1, 24, 00, 000 Duration 36 Months Subject area Other Infectious Diseases

* Approved with conditions

S.no.	Detail of Projects	
472	Effectiveness of a bivalent, killed whole cell based oral cholera vaccine introduced in Satyabadi, Orissa	
	<p>Principal Investigator Dr. Shantanu K Kar Scientist G & Director, Regional Medical Research Centre (RMRC), Chandrasekharpur, Bhubaneswar-751023</p>	<p>Funded by The International Vaccine Institute, Korea</p> <p>Date of approval March 12, 2012 Total budget Rs 51, 52, 848 Duration 12 Months Subject area Diarrhoeal Diseases</p>
473	Etiology of community acquired pneumonia in children: A prospective, community and hospital-based study	
	<p>Principal Investigator Prof. Sunit Singhi Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by The Pediatric Research Foundation at Astrid Lindgren Children's Hospital, Sweden</p> <p>Date of approval September 8, 2010* Total budget Rs 2, 31, 80, 000 Duration 24 Months Subject area Child Health</p>
474	CNS infection in Indian children: Predisposing factors and biochemical markers for diagnosis and prognosis (improving diagnosis and prevention)	
	<p>Principal Investigator Prof. Sunit Singhi Head, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by The Pediatric Research Foundation at Astrid Lindgren Children's Hospital, Sweden</p> <p>Date of approval December 10, 2012 Total budget Rs 1, 58, 19, 667 Duration 36 Months Subject area Child Health</p>

* Approved with conditions

S.no.	Detail of Projects	
475	A Phase II, placebo-controlled, double-blind, randomized trial to evaluate the anti-bacterial activity, safety, and tolerability of TMC207 in subjects with sputum smear-positive pulmonary infection with multi-drug resistant <i>Mycobacterium tuberculosis</i> (MDR-TB)	
	Principal Investigator Dr. Aleyamma Thomas Scientist F, National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	Funded by Tibotec, BVBA (a subsidiary of Johnson and Johnson Ltd), Belgium Date of approval June 8, 2009* Total budget Rs 14, 06, 000 Duration 36 Months Subject area Tuberculosis
476	A phase II, open-label trial with TMC207 as part of a multi-drug resistant tuberculosis (MDR-TB) treatment regimen in subjects with sputum smear-positive pulmonary infection with MDR-TB	
	Principal Investigator Dr. S K Sharma Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by Tibotec, BVBA (a subsidiary of Johnson and Johnson Ltd), Belgium Date of approval December 8, 2010* Total budget Rs 99, 99, 250 Duration 36 Months Subject area Tuberculosis
477	The mercury and infant neurological development study in India-pilot phase	
	Principal Investigator Dr. Satish Rao Professor, Manipal Life Sciences, Manipal University, Madhav Nagar, Manipal-576104	Funded by UAB Sparkman Centre for Global Health, USA Date of approval December 22, 2008 Total budget Rs 4, 22, 520 Duration 12 Months Subject area Neurosciences

* Approved with conditions

S.no.	Detail of Projects	
478	Replacement of insecticides to control visceral leishmaniasis	
	<p>Principal Investigator Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agamkuan, Patna-800007</p>	<p>Funded by UBS, Switzerland / TDR</p> <p>Date of approval March 12, 2012 Total budget Rs 13, 44, 000 Duration 14 Months Subject area Leishmaniasis</p>
479	Genetic basis of stroke in an Indian population	
	<p>Principal Investigator Dr. Kameshwar Prasad Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by UK-India Education and Research Initiative (UKIERI), United Kingdom</p> <p>Date of approval September 8, 2009 Total budget Rs 36, 55, 264 Duration 36 Months Subject area Neurosciences</p>
480	Untreated heart failure: Activation of the immunological and inflammatory systems and changes after short-term treatment	
	<p>Principal Investigator Dr. Balram Bhargava Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by UK-India Education and Research Initiative (UKIERI), United Kingdom</p> <p>Date of approval March 2, 2009 Total budget Rs 14, 27, 674 Duration 36 Months Subject area Cardiovascular Diseases</p>

S.no.	Detail of Projects	
481	Study of fibrosis in heart failure	
	Principal Investigator Prof. S K Maulik Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by UK-India Education and Research Initiative (UKIERI), United Kingdom Date of approval September 10, 2012 Total budget Rs 17, 00, 000 Duration 24 Months Subject area Cardiovascular Diseases
482	Development of neonatal health care service delivery model for rural India	
	Principal Investigator Dr. Anand Krishnan Additional Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi- 110029	Funded by United Nations International Children's Emergency Fund (UNICEF), New Delhi, India Date of approval June 8, 2011* Total budget Rs 85, 69, 722 Duration 36 Months Subject area Child Health
483	Methadone maintenance treatment in India: A feasibility and effectiveness study	
	Principal Investigator Dr. Anju Dhawan Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by United Nations Office on Durgs and Crime, Regional Office for South Asia (UNODC ROSA) Date of approval March 8, 2011** Total budget Rs 20, 94, 402 Duration 18 Months Subject area Mental Health

* Approved with suggestion

** Approved with condition

S.no.	Detail of Projects	
484	Hib meningitis sentinel surveillance in Uttar Pradesh	
	<p>Principal Investigator Dr. Vishwajeet Kumar Project Director, Chhatrapati Shahuji Maharaja Medical University, (Erstwhile King George Medical College), Chowk, Lucknow-226003</p>	<p>Funded by United States Agency for International Development (USAID), India Office</p> <p>Date of approval March 2, 2009 Total budget Rs 94, 85, 804 Duration 13 Months Subject area Bacteriology</p>
485	Hib meningitis sentinel surveillance in North India	
	<p>Principal Investigator Dr. Shinjini Bhatnagar Pediatric Gastroenterologist, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by United States Agency for International Development (USAID), India Office</p> <p>Date of approval March 2, 2009 Total budget Rs 64, 35, 464 Duration 13 Months Subject area Bacteriology</p>
486	Survey of women and private providers to determine perspectives on using the private sector for family planning: Phase 1: Survey of Women	
	<p>Principal Investigator Dr. Ashish Gupta Technical Officer, Family Health International (FHI), India Country Office, 16, Sunder Nagar, New Delhi-110003</p>	<p>Funded by United States Agency for International Development (USAID), USA</p> <p>Date of approval June 8, 2009 Total budget Rs 28, 70, 000 Duration 2-3 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
487	Investigate the pathways and nutritional modulation of methyl group production in under weight and normal weight pregnant women	
	Principal Investigator Dr. Anura Kurpad Dean, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by United States Department of Agriculture, USA Date of approval June 8, 2010* Total budget Rs 1, 15, 00, 000 Duration 60 Months Subject area Nutrition
488	The CLIP (Community Level Interventions for Pre-eclampsia) cluster randomized controlled trial	
	Principal Investigator Dr. M B Bellad Professor Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010	Funded by University of British Columbia, Canada Date of approval September 10, 2012* Total budget Rs 7, 11, 00, 267 Duration 72 Months Subject area Reproductive Health
489	Coronary heart disease in Goa: Prevalence and risk in general practice	
	Principal Investigator Dr. Gladstone D'Costa Vice President, Voluntary Health Association of Goa, 12, Ranghavi Estate Bogmalo Road, Dabolim, Goa-403801	Funded by University College London, United Kingdom Date of approval June 23, 2008 Total budget Rs 7, 56, 000 Duration 6 Months Subject area Cardiovascular Diseases

* Approved with conditions

S.no.	Detail of Projects	
490	Predicting hematoma growth and outcome in intracerebral hemorrhage using contrast bolus CT (PREDICT) study	
	Principal Investigator Dr. M V Padma Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by University of Calgary, Canada Date of approval March 25, 2008* Total budget Rs 1, 56, 000 Duration 12 Months Subject area Neurosciences
491	To explore the role of dendritic cells in immune modulation and prognosis of colon cancer patients	
	Principal Investigator Dr. S V Rana Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	Funded by University of California, San Diego, USA Date of approval March 8, 2010** Total budget Rs 25, 00, 000 Duration 36 Months Subject area Oncology
492	Study of bovine leukemia virus infection to breast cancer in Indian women	
	Principal Investigator Dr. Nitin Gangane Professor & Head, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha-442102	Funded by University of California, Berkeley, USA Date of approval March 25, 2008 Total budget Not Requested Duration 6 Months Subject area Oncology

* *Approved with conditions*

** *Approved for technical collaboration only*

S.no.	Detail of Projects	
493	India newborn stove project pilot study in Palwal (Haryana)	
	<p>Principal Investigator Prof. Narendra K Arora Executive Director, The INCLEN Trust International & CHNRI, F-1/5, 2nd Floor, Okhla Industrial Area, New Delhi-110020</p>	<p>Funded by University of California, Berkeley, USA</p> <p>Date of approval September 8, 2011 Total budget Rs 26, 06, 544 Duration 12 Months Subject area Environmental Health</p>
494	European Society of intensive care medicine study of therapeutic hypothermia (32-35°C) for ICP reduction after traumatic brain injury. Eurotherm3235 trial	
	<p>Principal Investigator Dr. Deepak Gupta Associate Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by University of Edinburgh, United Kingdom</p> <p>Date of approval December 10, 2012 Total budget Rs 35, 67, 256 Duration 36 Months Subject area Neurosciences</p>
495	Developing a framework for predicting malaria outbreaks in rural and urban areas of Gujarat and Rajasthan in India	
	<p>Principal Investigator Dr. R C Dhiman Scientist F, National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077</p>	<p>Funded by University of Michigan, USA</p> <p>Date of approval March 2, 2009[*] Total budget Rs 99, 11, 100 Duration 36 Months Subject area Malaria</p>

* The extension approved in HMSC meeting held on March 12, 2012 without additional funds

S.no.	Detail of Projects	
496	Role of Toll-Like Receptors (TLRs) and cytokines in the immune response due to Scrub Typhus	
	<p>Principal Investigator Dr. George Varghese Associate Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by University of Oslo, Norway</p> <p>Date of approval September 8, 2010 Total budget Rs 14, 65, 000 Duration 24 Months Subject area Immunology</p>
497	Immuno-Pathogenic mechanisms in acute Febrile illness (IPF) proposal 1 - acute malaria	
	<p>Principal Investigator Dr. Dilip Mathai Head, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004</p>	<p>Funded by University of Oslo, Norway</p> <p>Date of approval December 8, 2011 Total budget Rs 4, 27, 50, 000 Duration 24 Months Subject area Malaria</p>
498	The International fetal and newborn growth standards for the 21st Century "INTERGROWTH-21st"	
	<p>Principal Investigator Dr. Manorama Purwar Ex. Professor, Neelgagan Housing Society, B/302, Balraj Marg, Dhantoli, Nagpur-440012</p>	<p>Funded by University of Oxford, United Kingdom</p> <p>Date of approval March 2, 2009 Total budget Rs 1, 59, 93, 045 Duration 36 Months Subject area Child Health</p>

S.no.	Detail of Projects	
499	A study of lifelong vegetarianism and other risk factors and the risk of breast cancer in the Indian population	
	Principal Investigator Dr. Vinod Raina Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	Funded by University of Oxford, United Kingdom Date of approval June 18, 2012 Total budget Rs 2, 80, 000 per annum Duration 36 Months Subject area Oncology
500	The international fetal and newborn growth standards for the 21st century “INTERGROWTH-21” Added component: Post Natal Infant Follow up Study (PIFS) component	
	Principal Investigator Dr. Manorama Purwar Ex. Professor, Neelgagan Housing Society, B/302, Balraj Marg, Dhantoli, Nagpur-440012	Funded by University of Oxford, United Kingdom Date of approval December 10, 2012 Total budget Rs. 98, 18, 000 Duration 24 Months Subject area Child Health
501	Mobility and Independent Living in Elders Study (MILES)	
	Principal Investigator Dr. K Govind Narsingrao Associate Professor, SHARE India, MediCiti Institute of Medical Sciences (MIMS), Ghanpur Village, Medchal Mandal, R.R.District-501401, Andhra Pradesh	Funded by University of Pittsburgh, USA Date of approval March 8, 2011* Total budget Rs 1, 10, 12, 248 Duration 60 Months Subject area Life Style Diseases

* Approved with conditions

S.no.	Detail of Projects	
502	Intestinal Parasitic and Vaginal Infections in pregnancy outcomes (IPVI) study	
	<p>Principal Investigator Dr. Kalpana Betha Associate Professor, SHARE INDIA - Medici Institute of Medical Science (MIMS), Ghanpur Village, Medchal Mandal, R .R. District-501401, Andhra Pradesh</p>	<p>Funded by University of Pittsburgh, USA</p> <p>Date of approval June 18, 2012 Total budget Rs 2, 92, 07, 242 Duration 60 Months Subject area Reproductive Health</p>
503	Mycolic acid antibody real time inhibition in the serodiansis of tuberculosis	
	<p>Principal Investigator Dr. D Behera Director, LRS Institute of TB & Respiratory Diseases, Sri Aurobindo Marg, Near Qutub Minar, New Delhi-110030</p>	<p>Funded by University of Pretoria, South Africa (Funded by DST, Government of India)</p> <p>Date of approval June 8, 2011 Total budget Rs 46, 03, 000 Duration 36 Months Subject area Tuberculosis</p>
504	To study the inflammatory aspect of HIV - 1 clade C tat <i>in vivo</i>	
	<p>Principal Investigator Dr. Sarman Singh Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by University of Rochester, DCFAR, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 9, 00, 000 Duration 12 Months Subject area HIV/AIDS/ STD</p>

S.no.	Detail of Projects	
505	Exploring health attitudes and perception on diet and physical activity among school children in Delhi, India	
	Principal Investigator Dr. Monika Arora Senior Director, Health Related Information Dissemination, Amongst Youth (HRIDAY), Safdarjung Development Area, New Delhi-110016	Funded by University of Southern California (USC), USA Date of approval March 8, 2011 Total budget Rs 2, 95, 400 Duration 6 Months Subject area Child Health
506	A multicenter, double-blind, randomized study to compare the safety and efficacy of prulifloxacin versus placebo in the treatment of acute gastroenteritis in adult travellers	
	Principal Investigator Dr. Ranjan K Nandy Scientist C, National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	Funded by University of Texas, USA Date of approval March 2, 2009 Total budget Rs 13, 60, 000 Duration 12 Months Subject area Diarrhoeal Diseases
507	Cross cultural reliability and validity of intermediate measures (CIM II) of the measurement and treatment research to improve cognition in schizophrenia (MATRICS)	
	Principal Investigator Dr. Smita N Deshpande Head of Department, Dr. Ram Manohar Lohia Hospital, Baba Kharag Singh Marg, New Delhi-110001	Funded by University of Texas, USA Date of approval March 12, 2012 Total budget Rs 16, 80, 000 Duration 6 Months Subject area Mental Health

S.no.	Detail of Projects	
508	Cross cultural reliability and validity of intermediate measures (CIM II) of the measurement and treatment research to improve cognition in Schizophrenia (MATRICS)	
	<p>Principal Investigator Dr. Ajit Awasthi Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012</p>	<p>Funded by University of Texas, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 16, 80, 000 Duration 6 Months Subject area Mental Health</p>
509	Cross cultural reliability and validity of intermediate measures (CIM II) of the Measurement and Treatment Research to Improve Cognition in Schizophrenia (MATRICS)	
	<p>Principal Investigator Dr. Shiv Gautam Director, Institute of Behaviour Sciences and Alternate Medicine, Gokul, Civil lines Phatak, Jaipur-302001</p>	<p>Funded by University of Texas, USA</p> <p>Date of approval March 12, 2012 Total budget Rs 16, 80,000 Duration 6 Months Subject area Mental Health</p>
510	A genetic component to the INDEYE study of cataract and age-related macular degeneration in India	
	<p>Principal Investigator Dr. Praveen Vashist Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval March 2, 2009* Total budget Rs 6,04,79,92 Duration 24 Months Subject area Ophthalmology</p>

* Approved for AIIMS, New Delhi only

S.no.	Detail of Projects	
511	Nutritional challenges, abdominal adiposity and type 2 diabetes in Indians	
	Principal Investigator Dr. Vijaya Radha Krishna Kankipati Scientist D, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by Wellcome Trust, United Kingdom Date of approval March 2, 2009 Total budget Rs 80, 35, 750 Duration 30 Months Subject area Diabetes
512	Novel approach to determine geographical and genomic barriers to gene flow in a major malaria vector	
	Principal Investigator Dr. Anil Prakash Scientist F, Regional Medical Research Centre (RMRC), NE Region, Post Box No. 105, Dibrugarh-786001	Funded by Wellcome Trust, United Kingdom Date of approval September 8, 2009 Total budget Rs 55, 17, 520 Duration 36 Months Subject area Malaria
513	Extending the National Nutritional Monitoring Survey (2009-2011) by collection of dried blood spots for subsequent DNA extraction and creation of a DNA bio-repository for genetic epidemiological studies	
	Principal Investigator Dr. G N V Brahmam Scientist F, National Institute of Nutrition (NIN), Jamai Osmania, Tarnaka, Hyderabad-500007	Funded by Wellcome Trust, United Kingdom Date of approval June 8, 2010* Total budget Rs 2, 85, 70, 000 Duration 24 Months Subject area Nutrition

* Approved with conditions

S.no.	Detail of Projects	
514	A multi-centric study of measurement of chronic disease risk factors in India	
	<p>Principal Investigator Prof. Shah Ebrahim Director, South Asia Network for Chronic Disease (SANCD), PHFI C/52, Safdarjung Development Area, New Delhi-110016</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval December 8, 2010*</p> <p>Total budget Rs 2, 06, 02, 490</p> <p>Duration 12 Months</p> <p>Subject area Life Style Diseases</p>
515	The practice of obstetric care in Mumbai: An ethical analysis	
	<p>Principal Investigator Dr. Amar Jesani Faculty Member, Center for Studies in Ethics and Rights (CSER), Anusandhan Trust, Sai Ashray, Aaram Society Road, Vakola, Santa Cruz Mumbai-400055</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval March 8, 2011*</p> <p>Total budget Rs 5,81,97,80</p> <p>Duration 24 Months</p> <p>Subject area Reproductive Health</p>
516	Developing and evaluation of signature mapping detection system for automated detection of AFB using Zeil-Neelsen stain and bright field microscope	
	<p>Principal Investigator Dr. D Behera Director, LRS Institute of TB & Respiratory Diseases, Sri Aurobindo Marg, Near Qutub Minar, New Delhi-110030</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 1, 10, 43, 800</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>

* *Approved with conditions*

** *Approved for five study sites only*

S.no.	Detail of Projects	
517	The course and outcome of Alcohol Use Disorders (AUD): A population based cohort study in Goa	
	Principal Investigator Dr. Vikram Patel Professor, Sangath Centre, 841/1 Alto Porvorim, Goa-403521	Funded by Wellcome Trust, United Kingdom Date of approval September 8, 2011 Total budget Rs 1, 00, 35, 586 Duration 36 Months Subject area Life Style Diseases
518	A cluster randomized trial to evaluate an intervention to change hand washing behavior in rural Indian households	
	Principal Investigator Dr. Divya Rajaraman Assistant Professor, St. Johns Medical College, St. Johns Research Institute, St. Johns National Academy of Health Sciences, Koramangala, Sarjapur Road, Bangalore-560034	Funded by Wellcome Trust, United Kingdom Date of approval December 8, 2011 Total budget Rs 45, 72, 300 Duration 18 Months Subject area Social & Behavioural Research
519	PREMIUM, a PRogramme for Effective Mental health Interventions in Under resourced health systeMs	
	Principal Investigator Dr. Vikram Patel Professor, Sangath Centre, 841/1 Alto Porvorim, Goa-403521	Funded by Wellcome Trust, United Kingdom Date of approval December 8, 2011 Total budget Rs 6, 84, 12, 554 Duration 60 Months Subject area Mental Health

S.no.	Detail of Projects	
520	Developmental programming of the Hypothalamic Pituitary Adrenal (HPA) axis and cardiovascular and cognitive outcomes in adolescent Indian children	
	<p>Principal Investigator Dr. G V Krishnaveni Epidemiologist & Research Fellow, CSI Holdsworth Memorial Hospital, Sawday Road, Mandi Mohalla, Mysore- 570021</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval September 10, 2012*</p> <p>Total budget Rs 1, 63, 55, 250</p> <p>Duration 36 Months</p> <p>Subject area Cardiovascular Diseases</p>
521	Studies in the diagnosis and pathophysiology of corneal necrosis in severe microbial keratitis	
	<p>Principal Investigator Dr. N Venkatesh Prajna Director of Corneal Service, Aravind Eye Hospital & PG Institute of Ophthalmology, 1, Annanagar, Madurai-625020</p>	<p>Funded by Wellcome Trust, United Kingdom</p> <p>Date of approval September 10, 2012</p> <p>Total budget Rs 27, 03, 846</p> <p>Duration 24 Months</p> <p>Subject area Ophthalmology</p>
522	Implementation of MODS for TB and MDR-TB control: Towards sustainable rollout	
	<p>Principal Investigator Dr. Suniti Solomon Director, Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113</p>	<p>Funded by World Bank, USA</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 30, 32, 000</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>

* Approved for CSI Holdsworth Memorial Hospital, Mysore only

S.no.	Detail of Projects	
523	Treatment of mild to moderate hypertension for the prevention of preeclampsia: A multicentre randomized clinical trial	
	Principal Investigator Dr. Alice George Professor, Christian Medical College & Hospital, Ida Scudder Road, Vellore-632004	Funded by World Health Organization Date of approval March 25, 2008 Total budget Rs 11, 25, 000 Duration 24 Months Subject area Reproductive Health
524	Quality and quantity optimization of calotropin, a larvicide against dengue vectors <i>in-vitro</i> and <i>in-vivo</i> plant stocks	
	Principal Investigator Dr. Manju Singhi Scientist C, Desert Medicine Research Centre, New Pali Road, Jodhpur-342005	Funded by World Health Organization Date of approval March 25, 2008 Total budget Rs 7, 32, 735 Duration 24 Months Subject area Dengue
525	Laboratory based evaluation of rapid diagnostic tests for Visceral Leishmaniasis (VL)	
	Principal Investigator Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007	Funded by World Health Organization Date of approval June 23, 2008 Total budget Rs 37, 20, 000 Duration 24 Months Subject area Leishmaniasis

S.no.	Detail of Projects	
526	Capacity strengthening for testing and evaluation of Public Health Pesticides (PHPs) in India and to develop World Health Organization collaborating centre for their testing and evaluation in this region	
	<p>Principal Investigator Dr. K Raghavendra Scientist E, National Institute of Malaria Research (NIMR), 22, Sham Nath Marg, New Delhi-110054</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 8, 00, 000</p> <p>Duration 36 Months</p> <p>Subject area Malaria</p>
527	Phase III evaluation to compare insecticidal efficacy and community acceptance of long-lasting insecticidal net Dura Net® with conventional insecticide treated nets in India	
	<p>Principal Investigator Dr. S K Sharma Scientist E, National Institute of Malaria Research (NIMR), Field Station, Rourkela-769002</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 22, 2008</p> <p>Total budget Rs 16, 31, 925</p> <p>Duration 36 Months</p> <p>Subject area Malaria</p>
528	Asian centre for training in biosafety assessment for human health and environment using genetically modified vectors	
	<p>Principal Investigator Dr. B K Tyagi Scientist F & Officer in Charge, Centre for Research in Medical Entomology (CRME), 4, Sarojani Street, Chinna Chokkikulam, Madurai-625002</p>	<p>Funded by World Health Organization</p> <p>Date of approval March 2, 2009</p> <p>Total budget Rs 75, 00, 000</p> <p>Duration 36 Months</p> <p>Subject area Vector Borne Disease</p>

S.no.	Detail of Projects	
529	Investigating provider level factors facilitating and impeding women's access to medical abortion in India	
	<p>Principal Investigator Dr. Rajib Acharya Programme Officer, Population Council South & East Asia- Regional Office, Zone 5 A, Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003</p>	<p>Funded by World Health Organization</p> <p>Date of approval March 2, 2009 Total budget Rs 30, 57,327 Duration 12 Months Subject area Reproductive Health</p>
530	Post abortion contraception following medical and surgical abortion in India	
	<p>Principal Investigator Mrs. Shveta Kalyanwala Senior Programme Officer, Population Council South & East Asia- Regional Office, Zone 5 A, Ground Floor, India Habitat Centre, Lodi Road, New Delhi-110003</p>	<p>Funded by World Health Organization</p> <p>Date of approval March 2, 2009 Total budget Rs 35, 21,320 Duration 18 Months Subject area Reproductive Health</p>
531	Active management of the third stage of labour without controlled cord traction: A randomized non-inferiority controlled trial	
	<p>Principal Investigator Dr. Bhalachandra S Kodkany Professor, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum-590010</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 8, 2009 Total budget Rs 34, 79,658 Duration 36 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
532	Pivotal (phase II/III) study to evaluate the immunogenicity and safety of a measles vaccine given by aerosol inhalation: A randomized controlled trail	
	<p>Principal Investigator Dr. Siddhivinayak Hirve Director, Shirdi Sai Baba Rural Hospital, Vadu Budruk Village, Shirur Block, Pune-412216</p>	<p>Funded by World Health Organization</p> <p>Date of approval September 8, 2009 Total budget Rs 4, 86, 79,876 Duration 24 Months Subject area Other Infectious Diseases</p>
533	Sperm suppression and contraceptive protection provided by NorEThisterone ENantate (NET-EN) combined with Testosterone Undecanoate (TU) in healthy men	
	<p>Principal Investigator Dr. Deoki Nandan Director, National Institute of Health and Family Welfare, Baba Gang Nath Marg, Munirka, New Delhi-110067</p>	<p>Funded by World Health Organization</p> <p>Date of approval September 8, 2009 Total budget Rs 87, 38,478 Duration 42 Months Subject area Reproductive Health</p>
534	A cluster randomized controlled trial to evaluate the effectiveness of the clinically integrated RHL evidence-based medicine course	
	<p>Principal Investigator Dr. Suneeta Mittal Professor & Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by World Health Organization</p> <p>Date of approval March 8, 2010 Total budget Rs 10, 58,762 Duration 12 Months Subject area Reproductive Health</p>

S.no.	Detail of Projects	
535	Field evaluation to compare efficacy of spinosad (natular 20% EC) with spinosad 12 % SC as mosquito larvicide in Gujarat, India	
	Principal Investigator Dr. V K Dua Scientist F, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by World Health Organization Date of approval March 8, 2010 Total budget Rs 9, 56,428 Duration 12 Months Subject area Malaria
536	Phase III evaluation to compare insecticidal efficacy and community acceptance of long-lasting insecticidal nets with conventional insecticidal treated nets in India	
	Principal Investigator Dr. S S Sahu Scientist C, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006	Funded by World Health Organization Date of approval June 8, 2010 Total budget Rs 28, 85,202 Duration 36 Months Subject area Malaria
537	Proposal for Regional Training Center (RTC) in health research	
	Principal Investigator Dr. Pradeep Das Scientist G & Director, Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam-kuan, Patna-800007	Funded by World Health Organization Date of approval June 8, 2010 Total budget Rs 36, 00,000 Duration 36 Months Subject area Leishmaniasis

S.no.	Detail of Projects	
538	Understanding women's perspectives on medical abortion - A research study	
	<p>Principal Investigator Dr. B Subha Sri Director, Rural Womens Social Education (RUWSEC), 191-A Nehru Nagar, Villam Post, Chengalpattu- 603002, Tamil Nadu</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 8, 2010 Total budget Rs 10, 80,000 Duration 18 Months Subject area Reproductive Health</p>
539	Impact of insecticide resistance in malaria vectors on the effectiveness of combination of Indoor Residual Spraying (IRS) and Long Lasting Insecticidal Nets (LLINs) in India	
	<p>Principal Investigator Dr. V K Dua Scientist F, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077</p>	<p>Funded by World Health Organization/ Bill & Melinda Gates Foundation, USA</p> <p>Date of approval September 8, 2010 * Total budget Rs 5, 13, 96,766 Duration 60 Months Subject area Malaria</p>
540	Phase III evaluation to compare insecticidal efficacy, longevity, fabric integrity and community acceptance of long-lasting insecticidal net PermaNet® 3.0 with PermaNet® 2.0 and conventional deltamethrin treated nets in India	
	<p>Principal Investigator Dr. V K Dua Scientist F, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077</p>	<p>Funded by World Health Organization</p> <p>Date of approval September 8, 2010 Total budget Rs 28, 85,762 Duration 36 Months Subject area Malaria</p>

* The approval of HMSC was obtained on December 10, 2012 for few modifications like change of funding source to BMGF, budget, duration, study site etc

S.no.	Detail of Projects	
541	Cluster - randomized village scale phase III evaluation of deltamethrin SC62.5 g ai/L for indoor residual spraying against <i>Anopheles minimus</i> s.l., the major malaria vector in North-East India	
	Principal Investigator Dr. Anil Prakash Assistant Director, Regional Medical Research Centre (RMRC), NE Region, Post Box No -105, Dibrugarh-786001	Funded by World Health Organization Date of approval March 8, 2011 Total budget Rs 22, 93, 300 Duration 12 Months Subject area Malaria
542	Point of care diagnosis and treatment with single dose liposomal amphotericin B for visceral leishmaniasis	
	Principal Investigator Dr. Shyam Sundar Professor, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Funded by World Health Organization Date of approval March 8, 2011 Total budget Rs 6, 76, 44, 400 Duration 24 Months Subject area Leishmaniasis
543	Small-scale field testing and evaluation to compare residual efficacy of pirimiphos-methy CS (Actellic 30% CS) with pirimipos-methyl 50% EC by indoor residual spraying on different local indoor surfaces in Gujarat, India	
	Principal Investigator Dr. H C Srivastava Scientist E, Natonal Institute of Malaria Research (NIMR), Field station, Civil Hospital, Nadiad-110077, Gujarat	Funded by World Health Organization Date of approval March 8, 2011 Total budget Rs 9, 82, 421 Duration 12 Months Subject area Malaria

S.no.	Detail of Projects	
544	Evaluation of olyset plus a permethrin long lasting insecticidal mosquito net susceptible malaria vector populations in experimental huts in Orissa, East -Central India	
	<p>Principal Investigator Dr. K Gunasekaran Scientist E, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 8, 2011*</p> <p>Total budget Rs 21, 11, 625</p> <p>Duration 12 Months</p> <p>Subject area Malaria</p>
545	Field evaluation of vectobac 4.95% GR, a granular formulation of <i>Bacillus thuringiensis israelensis</i> with a new carrier ingredient against <i>Culex quinquefasciatus</i> Say in polluted water habitats in India	
	<p>Principal Investigator Dr. C Sadanandane Technical Officer, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 7, 42, 500</p> <p>Duration 12 Months</p> <p>Subject area Malaria</p>
546	Medical abortion provision in Bihar and Jharkhand States, India	
	<p>Principal Investigator Dr. K K Singh Lecturer, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 8, 2011</p> <p>Total budget Rs 26, 86, 000</p> <p>Duration 12 Months</p> <p>Subject area Reproductive Health</p>

* Approved with conditions

S.no.	Detail of Projects	
547	A scalable approach to improve the coverage, quality and impact of MNCH care in the urban slums of Delhi: Developing a package of MNCH care facilitated through an urban community health worker: The ANCHUL project (Ante Natal and Child Health care in Urban Slums)	
	Principal Investigator Dr. Sanjay Zodpey Director, Public Health Foundation, PHD House 2nd Floor, 4/2 Sirifort Institutional Area, August Kranti Marg, New Delhi-110016	Funded by World Health Organization Date of approval September 8, 2011 Total budget Rs 2, 22, 91, 962 Duration 36 Months Subject area Child Health
548	Evaluation of LifeNet, a deltamethrin long-lasting insecticidal mosquito net in experimental huts (Phase II) against susceptible malaria vector populations in Orissa, East-Central India	
	Principal Investigator Dr. K Gunasekaran Scientist E, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006	Funded by World Health Organization Date of approval September 8, 2011 Total budget Rs 17, 97, 750 Duration 6 Months Subject area Malaria
549	Phase III evaluation to compare insecticidal efficacy and household acceptability of DawaPlus® 2.0 long-lasting insecticidal mosquito nets with conventional deltamethrin treated nets in India	
	Principal Investigator Dr. R M Bhatt Office in Charge, National Institute of Malaria Research (NIMR), Field Unit, RLTRI, Raipur-492015	Funded by World Health Organization Date of approval September 8, 2011 Total budget Rs 24, 75, 019 Duration 36 Months Subject area Malaria

S.no.	Detail of Projects	
550	Randomised village-scale evaluation to compare the efficacy of two different dosages of chlorfenapyr SC used in indoor residual spraying for malaria vector control in Chhattisgarh state, India	
	<p>Principal Investigator Dr. R M Bhatt Scientist E & Officer –in-Charge, National Institute of Malaria Research (NIMR), Field Unit, RLTRI, Raipur-492015</p>	<p>Funded by World Health Organization</p> <p>Date of approval September 8, 2011</p> <p>Total budget Rs 27, 48, 229</p> <p>Duration 12 Months</p> <p>Subject area Malaria</p>
551	Cross cultural development of a depression identification instrument for SEARO	
	<p>Principal Investigator Dr. Pratap Sharan Professor, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi- 110029</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 14, 78, 000</p> <p>Duration 12 Months</p> <p>Subject area Mental Health</p>
552	Field evaluation (phase II and phase III) of VectoBac GR, a granular formulation, against <i>Anopheles stephensi</i> in clean water habitats and <i>Culex quinquefasciatus</i> in polluted water habitats in Goa, India	
	<p>Principal Investigator Dr. Ashwani Kumar Scientist E & Officer -in-Charge, National Institute of Malaria Research (NIMR), Field Station, Panaji, Goa-403001</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 8, 2011</p> <p>Total budget Rs 9, 18, 697</p> <p>Duration 9 Months</p> <p>Subject area Malaria</p>

S.no.	Detail of Projects	
553	A55036: Screening for preeclampsia: Evaluation of the predictive ability of angiogenic factors for preeclampsia	
	Principal Investigator Dr. Shalini Fusey Associate Professor, Government Medical College, Opposite Ramakrishna Mission, Nagpur-440012	Funded by World Health Organization Date of approval March 12, 2012* Total budget Not Requested Duration 30 Months Subject area Reproductive Health
554	A randomized village - scale evaluation to compare the efficacy of Pirimiphos-methyl CS (300g AI/L with Pirimiphos-methyl EC (500g AI/L) used in indoor residual spraying for malaria vector control in Gujarat State, India	
	Principal Investigator Dr. H C Srivastava Scientist E, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by World Health Organization Date of approval March 12, 2012** Total budget Rs 26, 40, 462 Duration 15 Months Subject area Malaria
555	Small scale evaluation of the efficacy and residual activity of alphacypermethrin WG (250 g a.i. / kg) for indoor spraying in comparison with alphacypermethrin WP (50 g a.i. / kg) in India	
	Principal Investigator Dr. U Sreehari Scientist B, National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077	Funded by World Health Organization Date of approval March 12, 2012 Total budget Rs 7, 87, 803 Duration 10 Months Subject area Malaria

* Approved for transfer of biological samples collected under a study already approved by HMSC in 2006. No funds are required for the current proposal

** Modification in the study was endorsed in HMSC meeting held on December 10, 2012

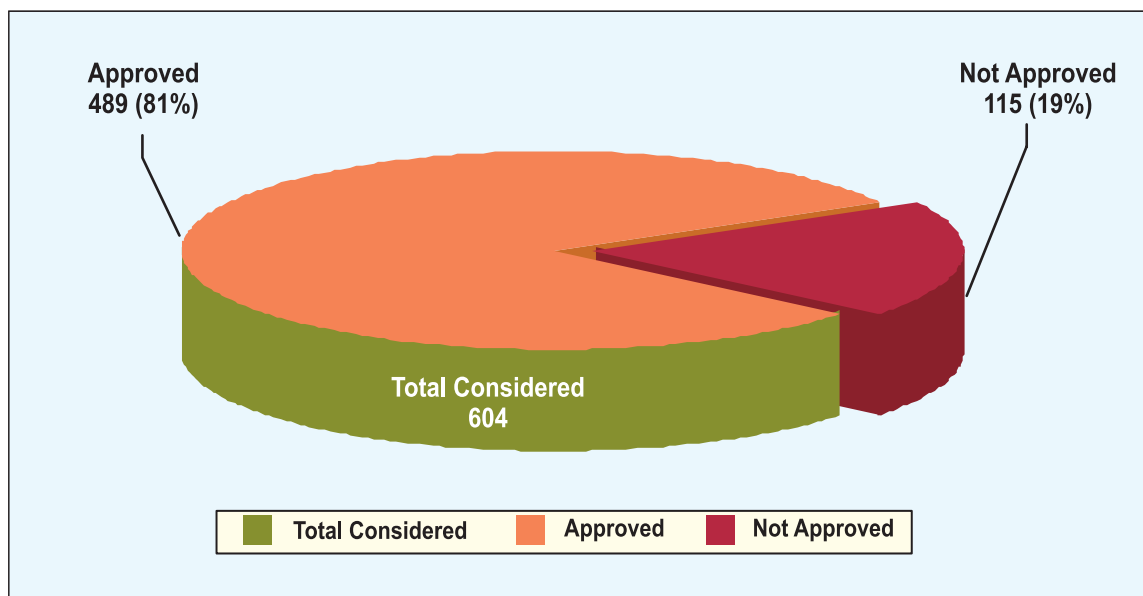
S.no.	Detail of Projects	
556	WHO - AIIMS study for the development of growth standards from fetal life to childhood: The fetal component	
	<p>Principal Investigator Dr. Suneeta Mittal Professor & Unit Head, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029</p>	<p>Funded by World Health Organization</p> <p>Date of approval March 12, 2012 Total budget Rs 14, 72, 287 Duration 18 Months Subject area Child Health</p>
557	Attitudes towards and outcomes of pregnancy among women living with HIV / AIDS in Karnataka, India	
	<p>Principal Investigator Dr. C G Hussain Khan Professor, Karnataka University, Pavate Nagar, Dharwad-580003</p>	<p>Funded by World Health Organization</p> <p>Date of approval June 18, 2012 Total budget Rs 27, 82,687 Duration 18 Months Subject area HIV/AIDS/ STD</p>
558	Assessment of durability of LifeNet long lasting insecticidal nets in a phase III study in Madhya Pradesh, India	
	<p>Principal Investigator Dr. Neena Valecha Scientist G & Director, National Institute of Malaria Research (NIMR), Sector-8, Dwarka, New Delhi-110077</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 10, 2012* Total budget Rs 31, 87, 729 Duration 33 Months Subject area Malaria</p>

* *Approved with conditions*

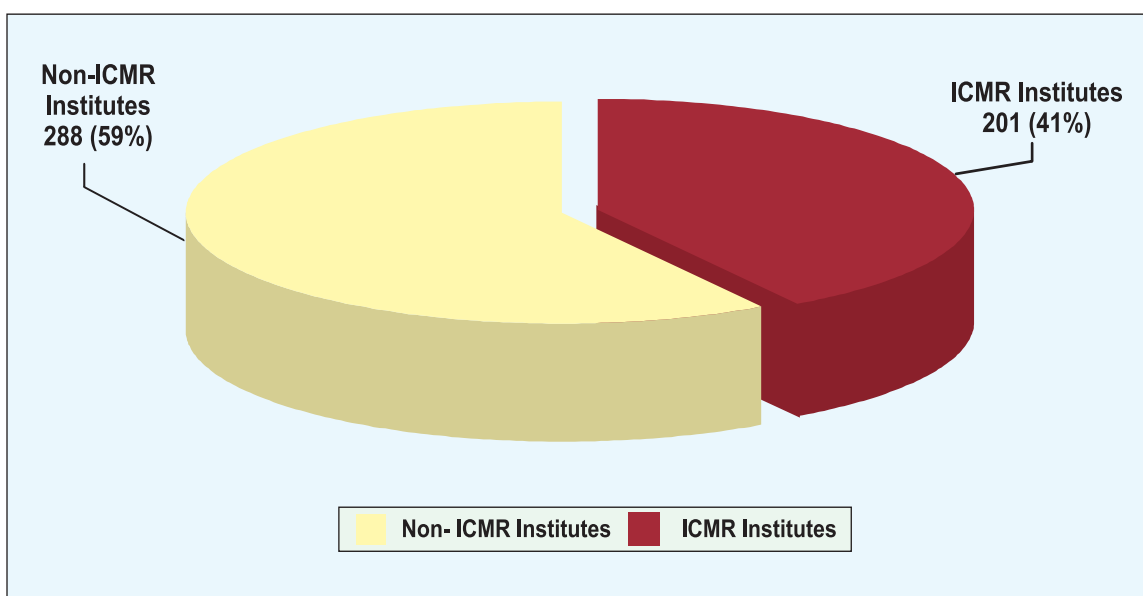
S.no.	Detail of Projects	
559	Small and large scale evaluation of Natular™ T30 and G30 formulations against immature of <i>Culex</i> species in polluted water habitats in India	
	<p>Principal Investigator Dr. C Sadanandane Technical Officer, Vector Control Research Centre (VCRC), Medical Complex, Indira Nagar, Puducherry-605006</p>	<p>Funded by World Health Organization</p> <p>Date of approval December 10, 2012</p> <p>Total budget Rs 14, 08, 000</p> <p>Duration 15 Months</p> <p>Subject area Filariasis</p>

Facts and Figures

Number of international collaborative proposals considered and approved by HMSC during the years 2000 to 2007

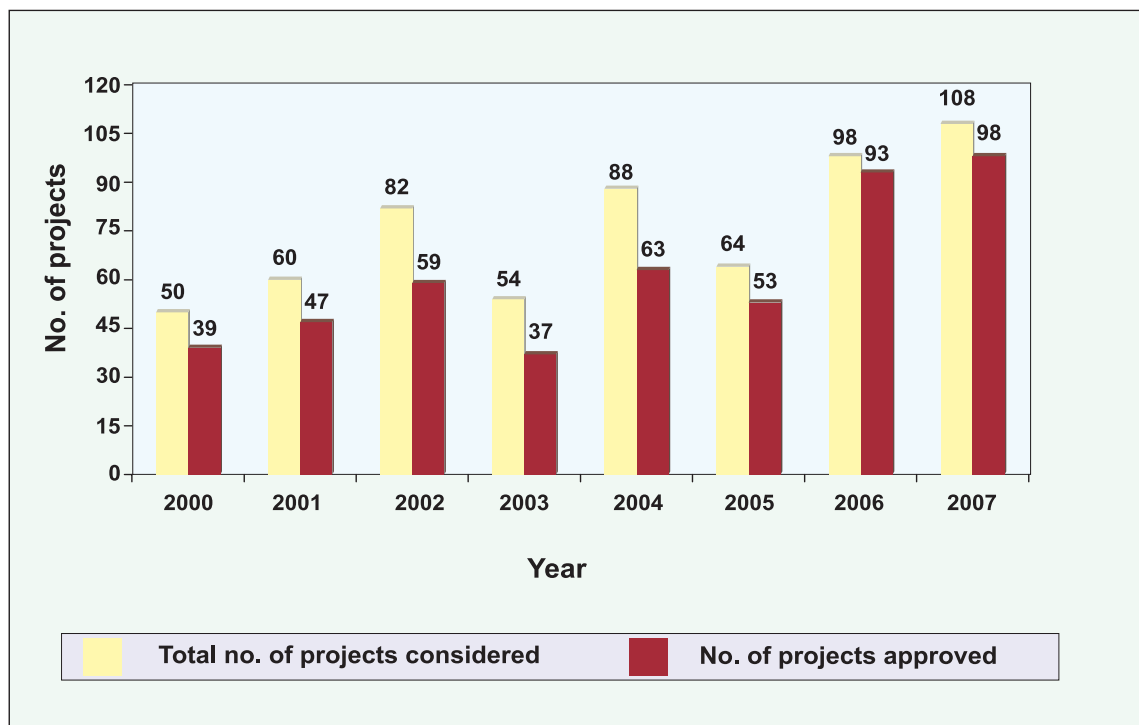


International collaborative projects undertaken at ICMR & Non-ICMR Institutes during the years 2000 to 2007



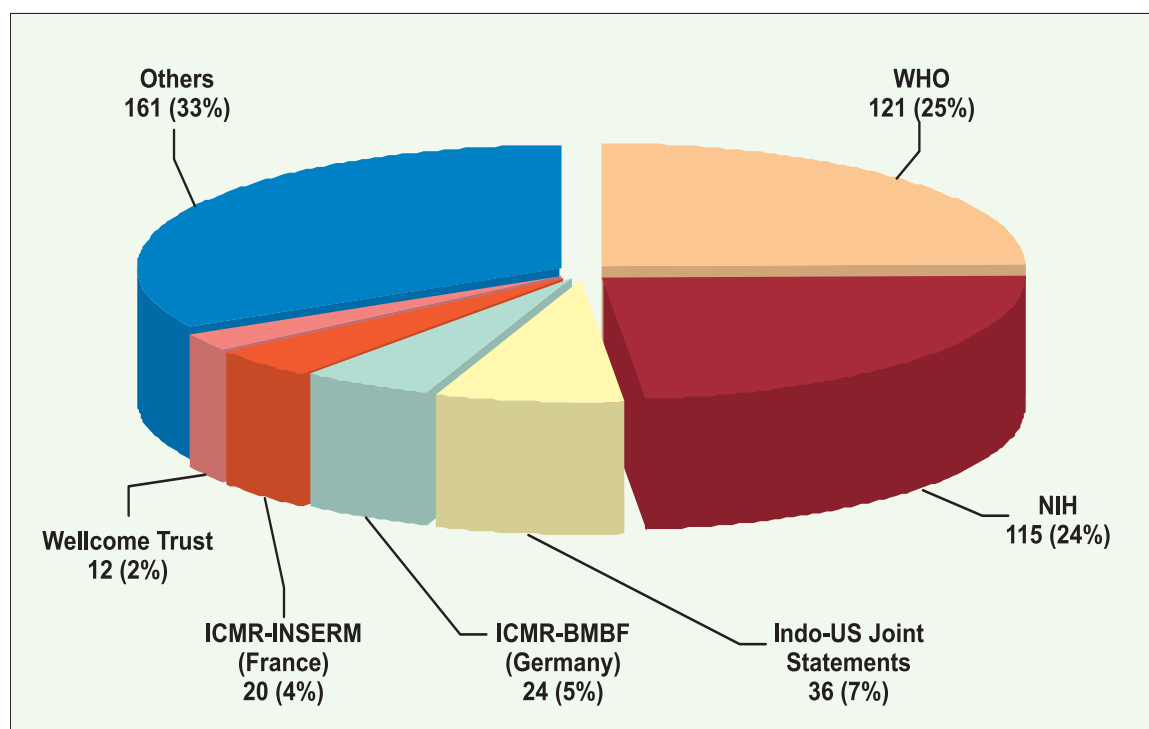
Proposals considered & approved by HMSC during the years 2000 to 2007

Year	Total no. of projects considered	No. of projects approved
2000	50	39
2001	60	47
2002	82	59
2003	54	37
2004	88	63
2005	64	53
2006	98	93
2007	108	98
Total	604	489



Funding agency wise representation of projects approved by HMSC during the years 2000 to 2007

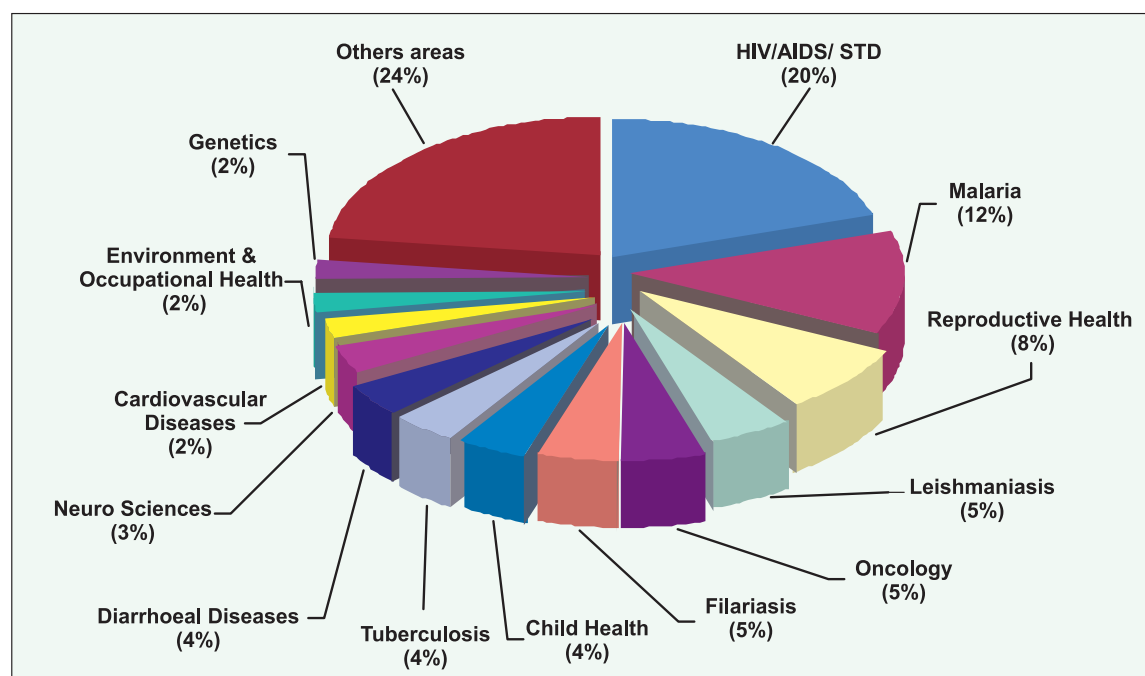
Funding agency	Projects approved (489)
WHO	121
NIH	115
Indo-US Joint Statements	36
ICMR-BMBF (Germany)	24
ICMR-INSERM (France)	20
Wellcome Trust	12
Other agencies*	161



* Other agencies with less than 10 projects include IVI, EU, Bill & Melinda Gates Foundation, IFCPAR, USAID, MRC-UK, CONRAD, Institute of One World Health, CDC, CIHR, DNDi, FHI, Health Effects Institute, IAVI, IBCSG, IRCCS, AREAS, JICA, MMV, PATH, WAF, ILTP, IAEA, IDRI, various Foreign Universities etc.

Subject area wise representation of projects approved by HMSC during the years 2000 to 2007

Subject area	Projects approved (489)
HIV/AIDS/ STD	98
Malaria	60
Reproductive Health	39
Leishmaniasis	25
Oncology	24
Filariasis	23
Child Health	20
Tuberculosis	20
Diarrhoeal Diseases	19
Neuro Sciences	15
Cardiovascular Diseases	12
Environment & Occupational Health	11
Genetics	10
Others areas [†]	113



[†] An exhaustive list of all subject areas is compiled in "Sub areas under which international collaborative projects were undertaken during the years 2000 to 2007"

Sub areas under which international collaborative projects were undertaken during the years 2000 to 2007

Major Areas#	Sub-areas
HIV/AIDS(98) <ul style="list-style-type: none"> ▪ HIV/AIDS-Tuberculosis(5) ▪ HIV/AIDS-STD(93) 	<ul style="list-style-type: none"> ▪ Prevention/ Intervention trials ▪ Behavioral research ▪ Health Systems Research ▪ Clinical trials ▪ Genetics & molecular biology ▪ Immunology ▪ Vaccine trials ▪ Surveillance ▪ Diagnostic tool development ▪ Neurovirology
Malaria (60)	<ul style="list-style-type: none"> ▪ Genetics & molecular biology ▪ Vector control ▪ Epidemiology ▪ Drug development ▪ Health Systems Research ▪ Vaccine trials ▪ Pharmacotherapy ▪ Immunology ▪ Drug and Insecticide resistance ▪ Others (Including projects on geospatial studies, mathematical modeling & public policy linkages and disease susceptibility models.
Reproductive Health(39)	<ul style="list-style-type: none"> ▪ Clinical trials ▪ Microbicides ▪ Epidemiology & surveillance ▪ Behavioral factors
Leishmaniasis (25)	<ul style="list-style-type: none"> ▪ Clinical trials ▪ Genetics & molecular biology ▪ Health Systems Research ▪ Surveillance & vector control
Oncology (24)	<ul style="list-style-type: none"> ▪ Clinical trials ▪ Epidemiology & surveillance ▪ Molecular biology & genetics ▪ Novel techniques ▪ Others (including study on radiation oncology)
Filariasis (23)	<ul style="list-style-type: none"> ▪ Drug development ▪ Epidemiology ▪ Health Systems Research ▪ Pharmaco-therapy ▪ Immunology ▪ Diagnostic tool development
Child Health (20)	<ul style="list-style-type: none"> ▪ Epidemiology & surveillance ▪ Clinical trials ▪ Capacity building ▪ Influenza vaccine

Table Continued ...

Major Areas#	Sub-areas
Tuberculosis(20)	<ul style="list-style-type: none"> ▪ Epidemiology ▪ Diagnostic tool development ▪ Immunology ▪ Drug resistance and disease susceptibility
Diarrhoeal Diseases(19)	<ul style="list-style-type: none"> ▪ Vaccine trials ▪ Genomics ▪ Prevention/Intervention trials
Neuroscience (15)	<ul style="list-style-type: none"> ▪ Geriatrics ▪ Molecular biology & genetics ▪ Others (Including study on cognitive retraining and home based interventions)
Cardiovascular Diseases (12)	<ul style="list-style-type: none"> ▪ Clinical trials ▪ Risk factor identification (including cohort study)
Environment & Occupational Health(11)	<ul style="list-style-type: none"> ▪ Air pollution ▪ Surveillance ▪ Arsenic toxicity
Genetics(10)	<ul style="list-style-type: none"> ▪ Molecular genetics
Other areas(113) Leprosy(9)	<ul style="list-style-type: none"> ▪ Genetics & molecular biology ▪ Prevention trials
Mental Health(9)	<ul style="list-style-type: none"> ▪ Schizophrenia ▪ Genetics ▪ Integration of treatment of CMD's in primary care
Nutrition (9)	<ul style="list-style-type: none"> ▪ Health Systems Research ▪ Basic science
Virology (8)	<ul style="list-style-type: none"> ▪ Vaccine trials ▪ Epidemiology & surveillance
Ophthalmology(8)	<ul style="list-style-type: none"> ▪ Epidemiology ▪ Others (Including study on rehabilitation in congenital blindness)
Diabetes (7) [‡]	<ul style="list-style-type: none"> ▪ Genomics & molecular biology
Haematology(6)	<ul style="list-style-type: none"> ▪ Immunology ▪ Genetics & molecular biology
Dengue (6)	<ul style="list-style-type: none"> ▪ Surveillance ▪ Vector control & genetics
Alternative Medicinal Systems(5) <ul style="list-style-type: none"> ▪ Ayurveda ▪ Homeopathy ▪ Yoga 	<ul style="list-style-type: none"> ▪ Capacity building ▪ Biochemistry ▪ Yoga
Bioethics(5)	<ul style="list-style-type: none"> ▪ Capacity building ▪ Public policy
Basic Sciences [§] (5)	
Social & Behavioral Research(5)	<ul style="list-style-type: none"> ▪ Cohort study on healthy adolescence ▪ Exploring the relationship of domestic violence with poor maternal and infant health

Table Continued ...

[‡] Projects exploring CVD and Diabetes—have been clubbed with Cardiovascular Diseases in the list whereas studies on Diabetes have been put under a different head.

[§] not classified elsewhere.

Major Areas [#]	Sub-areas
Bioinformatics(4)	<ul style="list-style-type: none"> ▪ Genomics ▪ Telemedicine
Health Systems Research(4)	<ul style="list-style-type: none"> ▪ Health financing ▪ Surveillance
Infectious Diseases [§] (4)	
Japanese Encephalitis(3)	<ul style="list-style-type: none"> ▪ Molecular biology
Parasitic Infections (3)	
Immunology (2)	<ul style="list-style-type: none"> ▪ Transplant immunology
Gastroenterology (2)	<ul style="list-style-type: none"> ▪ Liver diseases
Non-Communicable Dis. Surveillance (2)	Details are available in the list of international collaborative projects
Psychology (2)	
Stem Cell Research (2)	
Influenza (2)	
Endocrinology (1)	
Field Epidemiology Training Programme (1)	

[#] Total number of approved projects are shown in bracket.

Trends in Biomedical Research

The HMSC granted approval to a total of 489 international collaborative projects during the years 2000 to 2007. The approved collaborative projects were in varied subject areas. This information can be used as an evidence base to analyze whether international collaborative projects were undertaken only in certain major areas of research. We hope that the current analysis will help in identifying those areas which need further attention and would help policy makers to formulate a better informed strategic decision making.

The maximum number of projects approved were 98 projects in the area of HIV/AIDS with a representation of 20% of total approved projects. Out of these, five projects focused exclusively on HIV/AIDS and tuberculosis while remaining 93 were on various areas related to HIV/AIDS and STD. The projects broadly focused on prevention/intervention, behavioral aspects of disease and such research issues which could be incorporated in the national health systems. The clinical/vaccine trials and genomics research was also undertaken through certain projects for effective prevention and treatment of HIV/AIDS.

Subsequent focus, as manifested by 60 projects, was on Malaria. Predominantly, the genomics and molecular biology approach was undertaken for research in this area. Other areas in which projects were undertaken included vector control, epidemiology, drug and vaccine development. Use of newer geo epidemiological techniques such as geo informatics systems (GIS) and mathematical modeling as well as public policy impact evaluation has begun showing forays in the domain of international collaborative research on Malaria.

Within the area of Reproductive health, 39 projects were approved during the above said period. The projects were undertaken as clinical trials and epidemiology/surveillance studies. The emerging areas of research such as studies on microbicide were also undertaken which embarks the public policy focus on novel preventive strategies.

An important thrust area appears to be Leishmaniasis with 25 projects, where clinical trials, genomics and vector control measures predominated. The relatively lower efficacy profile and high index of adverse reactions of older agents has prompted newer anti-infective product development strategies and hence increasing number of clinical trials in the field of leishmaniasis.

The international collaboration on Oncology resulted into 24 projects, with more than one third as clinical trials. Other areas of concentration included genomics and evaluation of novel techniques for diagnostic and therapeutic accuracy in cancer. However, radiation oncology had just one international collaborative project, which is an area where technology transfer and future integration with nuclear medicine has immense value, both in basic science and translational research.

The approved research projects on Filariasis amounted to 23 projects, where the maximum

focus was on preventive strategic research and drug development.

The area of Child Health was explored through 20 international collaborative projects where emphasis was on epidemiology and surveillance, clinical trials and influenza vaccine development to improve the current treatment options and hence maximize the benefits.

The collaborative projects undertaken in Tuberculosis numbered 20 projects with major focus on epidemiology, immunology and drug resistance studies.

The collaborative programme on Diarrhoeal diseases constituted of 19 projects undertaken during the years 2000 to 2007. The studies undertook scientific exploration in areas such as vaccine and prevention/intervention trials and genomics.

Neuroscience studies consisted of 15 projects, where a diverse set of areas like geriatrics, molecular biology, cognitive retraining etc. were considered. However, work has also begun on home based therapeutic interventions, which if improved, could change the outcome of currently practiced service delivery modalities.

The projects undertaken on cardiovascular diseases amounted to 12 projects, where the trend of focus was on the risk factor identification and clinical trials. The Environment & Occupational Health consisted of 11 projects primarily focusing on pollution and establishing patterns of surveillance.

Projects in the area of genetics were 10 in number mainly focusing on molecular genetics.

However, few notable areas such as alternative systems of medicine, bioethics, bioinformatics and stem cell research etc (outlined under other areas in the table on page no- 199-201) had minimal number of projects for international collaboration. Some of these are the upcoming fields of research and need to be taken up with certain international institutes working in these areas.

Summary of International Collaborative Research under Projects Approved by Health Ministry's Screening Committee (HMSC) during January, 2008 to December, 2012

We have made an attempt to analyze the trends observed in international collaborative research undertaken during the past few years. We hope that the current analysis will help in identifying those areas which need further attention and would help policy makers to formulate a better informed strategy in decision making.

The Health Ministry's Screening Committee (HMSC) granted approval to 559 out of 718 proposals considered for international collaboration during its nineteen meetings held during January, 2008 to December, 2012. The year-wise approval rate of projects varied between 75 - 85% and the overall approval rate was 78%.

The Indian partners in the collaborative projects included those from Government research institutes (funded by ICMR, CSIR, DBT etc.), Autonomous R & D institutes, Universities/Medical Colleges and Indian NGOs working for a particular cause.

All India Institute of Medical Sciences (AIIMS), New Delhi undertook the maximum number of international collaborative projects (92) among the Indian research institutions during the said period followed by Christian Medical College (CMC), Vellore (30 projects); National Institute of Malaria Research (NIMR) & its various field stations (29 projects), and National AIDS Research Institute (NARI), Pune (23 projects) and so on.

In the reporting period from January, 2008 to December, 2012; 134 international collaborative projects were undertaken by various ICMR institutions and the maximum number i.e. 29 projects were carried out at National Institute of Malaria Research (NIMR) and its various field stations.

Out of 559 approved collaborative research projects, 92 projects are committed to be co-funded by ICMR under various MoUs and Joint Statements.

Area wise breakup of 559 projects is as follows:

Communicable Diseases

In the area of **Infectious Diseases**, maximum number of projects were approved i.e 263 out of 559 projects (47%).

In the area of **HIV/AIDS/STD** 130 projects were approved, of which 108 projects were on diverse areas related to HIV/AIDS and STDs, whereas 22 projects focused exclusively on HIV/AIDS - Tuberculosis co-infection. These projects broadly focused on social and behavioural aspects, development and monitoring of Anti-Retroviral Therapy (ART), ART resistance, the strategic timing to start therapy, vaccine development, vaccine trials and use of mobile technology for

promoting prevention and treatment adherence. The studies on HIV/AIDS/STD diseases were also undertaken at the molecular and cellular levels along with research on chemo-therapeutic and pathogenetic aspects of HIV co-infection with other diseases like tuberculosis and diabetes. Studies pertaining to systemic delivery of antiretroviral drugs were also undertaken.

However in the context of Government programmes on Anti-Retroviral Therapy (ART) as well as research studies on ART therapy, the development of low-cost viral load testing methods and resistance testing needs to be addressed further. Studies related to HIV prevention/ intervention through communication technologies also need to be stressed upon further for determining if and how they can influence better medication adherence. The studies on the impact of reinforcing behavioural and other factors e.g., increased patient involvement, social support, reducing risk behaviors and promoting better healthcare etc. are some of the other areas which need to be promoted for collaborative research.

In the area of **Malaria**, 37 research projects were approved with main focus on areas like newer drugs and insecticide resistance, networking and linkages with international laboratories /agencies. Recently the focus has been on impact of climate change on vectors and transmission of malaria.

In the area of **Tuberculosis**, 20 collaborative research projects were approved for developing newer diagnostic tools, epidemiology, immunology, drug resistance and development of novel anti-bacterial drugs. The results of these collaborative projects may help researchers and policy-makers to translate the findings of research into policies and programmes in order to control tuberculosis more effectively and efficiently.

In the area of **Diarrhoeal diseases**, 17 collaborative projects were approved during the period under report. The study trials were performed in the areas such as vaccine and prevention / intervention research. Through international collaboration, it is evident that research capacity has been enhanced in Indian institutions in the area of enteric infectious diseases. In the areas of **Leishmaniasis** (14 projects), **Filarasis** (9 projects), **Japanese Encephalitis** (4 projects) and **Dengue** (3 projects), various Indian institutes have worked progressively in collaboration with foreign agencies/institutes for development of newer diagnostics and vector control.

Eleven collaborative projects pertaining to capacity building, disease surveillance in emerging and re-emerging infections were consolidated under **Other Infectious Diseases**. Several projects related to vaccine research were conducted under the subject area of **Bacteriology** (8 projects) and **Influenza** (6 projects). The area such as impact of climate variability and risk predictions on control of **Vector Borne Diseases** (2 projects) was also undertaken. Under **Leprosy** with emphasis on clinical neuropathy and genetic susceptibility was studied in 2 projects.

Non-Communicable Diseases

In the area of **Non-Communicable Diseases (NCDs)** 165 out of 559 approved projects (30%) were conducted in different areas of NCDs during this period.

Among NCDs, the area of **Oncology** topped the list with 40 projects, mainly focusing on clinical trials. Other topics included genomics and evaluation of novel techniques for diagnosis and therapeutic treatment of cancer.

Under NCDs, **Cardiovascular Diseases (CVDs)** emerged as the major health burden in India. In the area of Cardiovascular Diseases, 36 international collaborative projects were undertaken during the period which mainly focused on prevention, nature of genetic contribution and gene-environment interactions of the disease. The studies were predominantly clinical trials and also covered the genomics and molecular biology approach of research in this area. The initiative for establishment of registries has also been undertaken which can serve as a national resource for further research studies and management of disease.

In the area of **Neurosciences**, 25 international collaborative projects were approved. These projects were on varied aspects of Neuroscience research like diagnostics, genetics, neurological developments, clinical trials on newer technologies / therapies, improving current neurological treatment and therapies.

In the area of **Mental Health**, 22 approved projects mainly focused on depression, schizophrenia, drug addiction and clinical psychology with an aim to improve health and socio-economic outcome related to this area. The outcome of these collaborative projects could assist in developing a culturally appropriate treatment for Indian patients.

In the area of **Environment and/or Occupational Health**, 14 international collaborative projects were approved. Most of the projects were on indoor air pollution and respiratory health problems. These studies would help in designing appropriate interventions/measures and policies to control problems related to Environment and Occupational Health. The effect of pesticides and arsenic toxicity at cellular level was also studied.

The research in some of the areas like **Life style Diseases** (13 projects), **Ophthalmology** (7 projects), **Gastroenterology** (5 projects), **Pulmonary Diseases** (1 project), **Rehabilitation** (1 project) and **Epidemiology of NCDs** (1 project) was also undertaken focusing on basic research, clinical trial, molecular biology and genetics of the related diseases.

Reproductive and Child Health

In the area of **Reproductive and Child Health**, 77 projects were approved representing 14%. These projects were mainly on development of affordable health care and health systems research and studies on treatment modalities in low resource settings to reduce infant and maternal mortality. Out of these, 39 collaborative research projects in **Reproductive Health** were largely on testing of new and existing drugs, devices and vaccine development as well as studies for improving reproductive health. In the area of **Child Health**, 38 international collaborative projects included clinical trials and focused on epidemiological surveillance, micronutrient requirements, improvement of diagnostics for pediatric infections, and pediatric growth hormones.

Nutrition

In the area of **Nutrition**, 14 projects were approved wherein an important thrust area was on bioavailability/supplementation of micronutrients for malnutrition. The collaborative research data generated could be of help for development of nutrition policies and intervention programmes as well as it can serve as an excellent population-based epidemiological resource for conducting future work on nutrition and genetics in India.

Other areas

In the area of **Diabetes Mellitus** (12 projects) international collaboration was to study determinants of Type 2 diabetes risk, epigenetic and nutritional aspects of the disease.

There were a few projects in basic research areas such as **Genomics** (10 projects), **Haematology** (7 projects) and **Immunology** (2 projects) which were focused on molecular genetics, development of diagnostics and biomarker studies. In addition, a project was also approved in the area of **Bioinformatics**.

There were a few international projects in the areas of **Health Systems Research** (5 projects) and **Social Behavioural Research** (2 projects other than HIV/AIDS) aiming to improve the Indian health system to tackle the health needs of the people. One project was on training in **Bioethics** with an aim of capacity building.

As we all know the NCDs are on a rise due to epidemiological transition and represents a major health burden in India, hence the collaboration on different areas of NCDs may require specific focus on developing prevention strategies by determining the risk factors.

There is also a need to focus on the training of scientists in the fields of Bioethics and Bioinformatics. The use of newer tools like Information and Communication Technologies (ICTs) in the form of electronic health (e-health) and mobile health (m-health) as technology platforms for healthcare delivery need to be taken up with international institutes/agencies for joint collaboration.

It is observed that the international collaboration has assisted in advancing health research in almost every aspect of human health particularly for addressing the global health challenges and possibilities towards enhancing training in cross-cutting areas of health research and it needs to be strengthened and supported further.

**Composition
of
Health Ministry's Screening Committee**

1.	Secretary Department of Health Research (DHR) Ministry of Health & Family Welfare Government of India	Chairman
2.	Secretary and Director-General National AIDS Control Organization (NACO) Ministry of Health & Family Welfare	Member
3.	Director-General of Health Services Directorate General of Health services Ministry of Health & Family Welfare	Member
4.	Director General/Additional Director General Armed Forces Medical Services (Medical Research) DGAFMS, Ministry of Defence	Member
5.	Joint Secretary (International Cooperation/DHR) Ministry of Health & Family Welfare	Member
6.	Joint Secretary (Investment & Trade Promotion) Ministry of External Affairs	Member
7.	Joint Secretary (Parliament & Co-ordination) Ministry of External Affairs	Member
8.	Joint Secretary Department of AYUSH Ministry of Health & Family Welfare	Member
9.	Joint Secretary (MI) Department of Economic Affairs (DEA), Ministry of Finance	Member
10.	Adviser and Scientist G Department of Science and Technology (DST) Ministry of Science & Technology	Member
11.	Adviser and Scientist G Department of Biotechnology (DBT) Ministry of Science & Technology	Member
12.	Director (International Cooperation) Ministry of Health & Family Welfare	Member
13.	Deputy Commissioner (Family Planning) Ministry of Health & Family Welfare	Member
14.	Head International Health Division (IHD) Indian Council of Medical Research	Member-Secretary

List of Other Funding Agencies and Projects Approved

S. No.	Other funding agencies	No. of projects approved
1.	Center for Disease Control and Prevention/CDC Foundation, DHHS, Atlanta, USA	8
2.	Department for International Development(DFID), United Kingdom	7
3.	ICMR under ICMR-MRC , UK, MoU(4)& Medical Research Council (MRC), UK(3)	7
4.	ICMR under ICMR-University of Minnesota (UoM), USA MoU	4
5.	International Atomic Energy Agency (IAEA), Austria	4
6.	International Agency for Research on Cancer (IARC), France	4
7.	National Health and Medical Research Council (NHMRC), Australia	4
8.	Program for Appropriate Technology in Health (PATH), USA	4
9.	University of Texas, USA	4
10.	Biogen Idec Limited, United Kingdom	3
11.	DST under Indo-South Africa Joint Programme	3
12.	Fondazione Angelo Bianchi Bonomi, Italy	3
13.	Japan International Cooperation Agency (JICA), Japan	3
14.	Merck & Co., Inc., USA	3
15.	St. Jude Medical India Pvt. Ltd	3
16.	The International Vaccine Institute (IVI), South Korea	3
17.	UK-India Education and Research Initiative (UKIERI), United Kingdom	3
18.	University of Oxford, United Kingdom	3
19.	Autism Speaks, USA	2
20.	Bristol Myers Squibb India Pvt. Ltd	2
21.	Center for AIDS Research(CFAR)- NIAID, USA	2
22.	Drugs for Neglected Diseases Initiative (DNDi), Switzerland	2
23.	Flamentera AG, Basel, Switzerland	2
24.	Glaxo Smith Kline	2
25.	Harvard School of Public Health, Boston, USA	2
26.	Ibis Reproductive Health and Concept Foundation, Geneva, Switzerland	2
27.	Liverpool School of Tropical Medicine, United Kingdom	2
28.	Novartis Healthcare Pvt. Ltd., India	2
29.	Okayama University through Ministry of Education, Culture, Sports, Science and Technology, Japan	2
30.	Parasight Ltd. (IL), Jerusalem Technology Park, Israel	2

Contd ...

S. No.	Other funding agencies	No. of projects approved
31.	Peregrine Pharmaceuticals. Inc, USA	2
32.	Population Health Research Institute (PHRI), McMaster University, Canada	2
33.	Swedish International Development Cooperation Agency (SIDA), Sweden	2
34.	The Pediatric Research Foundation at Astrid Lindgren Children's Hospital, Sweden	2
35.	Tibotec, BVBA(a subsidiary of Johnson and Johnson Ltd), Belgium	2
36.	United States Agency for International Development (USAID), India Office	2
37.	University of California, Berkeley, USA	2
38.	University of Pittsburgh, USA	2
39.	Academic Alliance Against AIDS (AAAA), USA	1
40.	American Academy of Pediatrics, USA	1
41.	American Psychiatric Association, USA	1
42.	Antisense Pharma GmbH, Germany	1
43.	Australia and New Zealand Gynecological Oncology Group (ANZGOG), Australia	1
44.	AUH Hospital, Arhus, Denmark	1
45.	Australian Research Council (ARC), Australia	1
46.	Baker Heart Research Institute, Australia	1
47.	Bayer Haemophilia Award, United Kingdom	1
48.	Biopartners GmbH, Switzerland	1
49.	Boehringer Ingelheim, Germany	1
50.	Brown University, USA	1
51.	Center for Global Health Research (CGHR), University of Toronto, Canada	1
52.	Clinton Foundation (India office), New Delhi, India	1
53.	Contraceptive Research and Development Program (CONRAD), USA	1
54.	Dalarna University College, Sweden	1
55.	Dalhousie University, Internal Medicine Research Foundation, Canada	1
56.	Danisco, Finland	1
57.	Danish Government (DANIDA through INDEPTH network)	1
58.	DST under Indo-Bulgarian S&T Programme(for exchange visits only)	1
59.	DST under Indo- Vietnam S&T Programme	1

Contd ...

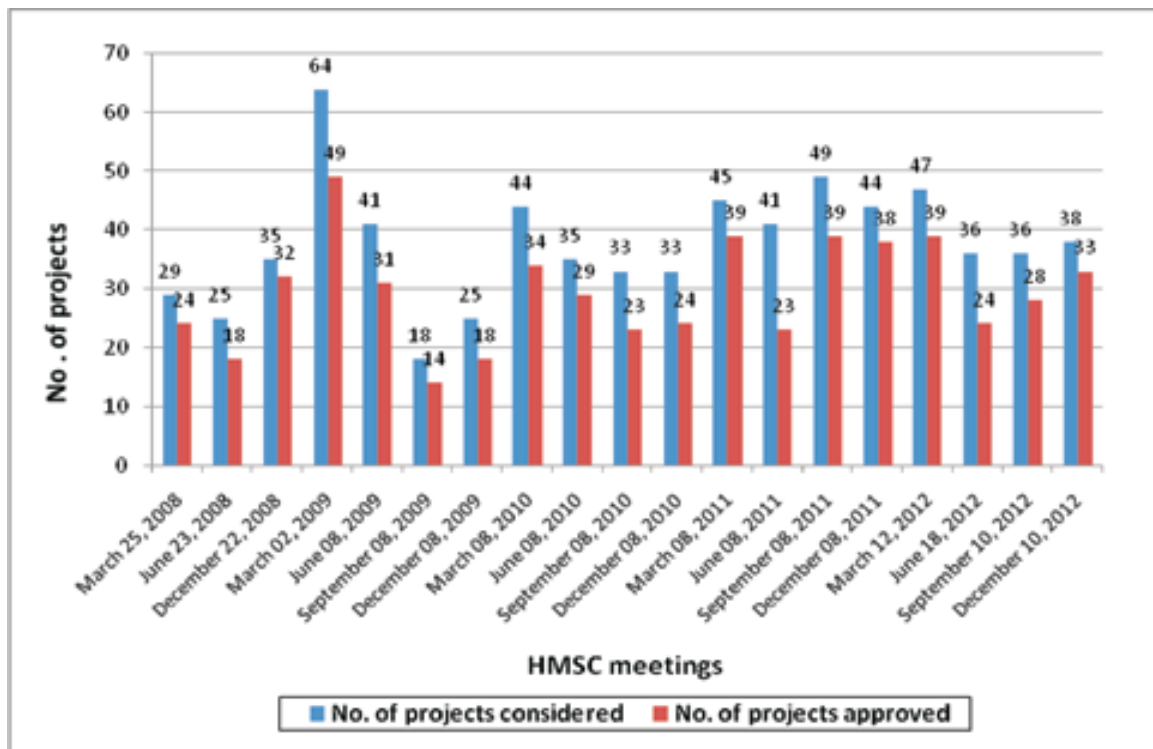
S. No.	Other funding agencies	No. of projects approved
60.	Dutch Kidney Foundation, The Netherlands	1
61.	Eli Lilly & Company(India) Pvt Ltd	1
62.	French National Grant (Agence National de la Recherche), France	1
63.	Genentech, Inc., USA and Hoffmann La Roche Ltd, Switzerland	1
64.	Global Alliance through Research Triangle Institute, USA	1
65.	Global Alliance to Prevent Prematurity and Stillbirth (GAPPS), Maternal Health Task Force, USA	1
66.	Grand Challenges, Canada	1
67.	GW Pharma Ltd, Wiltshire, UK	1
68.	Gynuity Health Projects, USA	1
69.	Harvest Plus, Washington DC, USA	1
70.	ICMR under ICMR-London School of Hygiene and Tropical Medicine (LSHTM), United Kingdom, MoU	1
71.	Indo-US Science & Technology Forum (IUSSTF), New Delhi	1
72.	International AIDS Vaccine Initiative(IAVI), USA	1
73.	International Atomic Energy Agency(IAEA), Austria and Harvest Plus, Washington DC, USA	1
74.	International Breast Cancer Study Group (IBCSG), Switzerland	1
75.	International Center for Diarrhoeal Diseases Research (ICDDR-B), Bangladesh	1
76.	International Chronic Myeloid Leukemia Foundation (iCMLf), Australia	1
77.	International Clinical Research, Denmark	1
78.	International Development Research Centre (IDRC), Canada	1
79.	International Diabetes Federation Brussels, Belgium	1
80.	International Project Development Fund, University of Sydney, Australia	1
81.	International Society for Infectious Diseases, USA	1
82.	Japan Health Science Foundation, Japan	1
83.	Jiv Daya Foundation, Dallas, USA	1
84.	Johns Hopkins University, USA (Student Field Experience Fund)	1
85.	McGill University, Canada	1
86.	McMaster University, Canada	1
87.	Médecins Sans Frontières, Holland	1
88.	Medicines for Malaria Venture (MMV), Switzerland	1
89.	Merck Serona S.A., Geneva, Switzerland	1
90.	Merz Pharmaceuticals GmbH , Germany	1
91.	Micronutrient Initiative, Canada	1

Contd ...

S. No.	Other funding agencies	No. of projects approved
92.	Morphotek, Inc. , USA	1
93.	Mundipharma Research, GmbH & Co., Germany	1
94.	National Institute of Infectious Diseases (NIID), Japan	1
95.	Nestle Foundation, Switzerland	1
96.	Netherland Leprosy Relief Turing Foundation, the Netherlands	1
97.	Newcastle University, United Kingdom	1
98.	Ocera Therapeutics, Inc. CA, USA	1
99.	Octapharma, AG, Switzerland	1
100.	Pennington Biomedical Research Center , Louisiana, USA	1
101.	Pharmacosomes A/S Holbaek, Denmark	1
102.	Population Health Research Institute, McMaster University, Canada and Hamilton Health Sciences Corporation, Canada	1
103.	Piramal Life Sciences Ltd, Mumbai, India	1
104.	PROOF Centre of Excellence, Vancouver, Canada and Genome British Columbia, United Kingdom	1
105.	Qatar National Research Fund National Priorities Research Program	1
106.	Quality Assurance & External Scientific Affairs Department Ajinomoto Co; Tokyo, Japan	1
107.	Queensland Government,(National and International Research Alliance Programme), Australia	1
108.	Rainbows for Kate Foundation, Australia	1
109.	REACH Initiative of Tibotec/University of California, San Diego, USA	1
110.	Research Foundation of The City University of New York (RFCUNY),USA	1
111.	Royal Society, London, United Kingdom	1
112.	Samueli Institute for Information Biology, USA	1
113.	Sanofi Pasteur, France	1
114.	Science and Innovation Ministry, Spain	1
115.	SIDACTION, France	1
116.	Sight Life, Seattle, USA	1
117.	Singapore Clinical Research Institute, Singapore	1
118.	Stanley Medical Research Institute, USA	1
119.	The David and Lucile Packard Foundation, USA	1
120.	The Earth Institute, Columbia University, USA	1
121.	The International AIDS Vaccine Institute, New Delhi	1
122.	The International Union Against Tuberculosis & Lung Diseases, USA	1
123.	Total Gas and Power, New Delhi (French Oil & Gas Company)	1

Contd ...

S. No.	Other funding agencies	No. of projects approved
124.	UAB Sparkman Centre for Global Health, USA	1
125.	UBS/TDR, Switzerland	1
126.	United Nations International Children's Emergency Fund (UNICEF), New Delhi	1
127.	United Nations Office on Drugs and Crime, Regional Office for South Asia (UNODC ROSA)	1
128.	United States Agency for International Development (USAID), USA	1
129.	United States Department of Agriculture (USDA), USA	1
130.	University College of London, United Kingdom	1
131.	University of British Columbia, Canada	1
132.	University of Calgary, Canada	1
133.	University of California, San Diego, USA	1
134.	University of Copenhagen , Denmark	1
135.	University of Edinburgh, United Kingdom	1
136.	University of Michigan, USA	1
137.	University of Rochester, DCFAR, USA	1
138.	University of Southern California (USC), USA	1
139.	World Bank, USA	1
	Total	217



Disclaimer

Efforts have been made to make the information available in this document as accurate as possible through the project protocols/documents and the recorded minutes of the meetings of HMSC held during January, 2008 to December, 2012. It would be appreciated that any discrepancy, if found, may be brought to the notice of International Health Division, ICMR Hqrs., New Delhi.

An acknowledgement would be appreciated if any reference/quote is made from this document.

International collaboration plays an essential role in maintaining high standards of research around the world. The ultimate goal is to broaden the scope of investigations into scientific problems, yield new and feasible solutions through research and strengthen the theoretical, methodological, analytical and implementation approaches.

This sequel document provides details of international collaborative projects in health research approved by Health Ministry's Screening Committee (HMSC) during its nineteen meetings held from January, 2008 to December, 2012.

This document may be used as a reference by the research scientists/institutions and may also be helpful during formulation of policies in health research.



**International Health Division
Indian Council of Medical Research
Department of Health Research
(Ministry of Health & Family Welfare)
V. Ramalingaswami Bhawan
Ansari Nagar, New Delhi-110029, India
Telefax: +91-11-26589492
Email: ihd@icmr.org.in**