

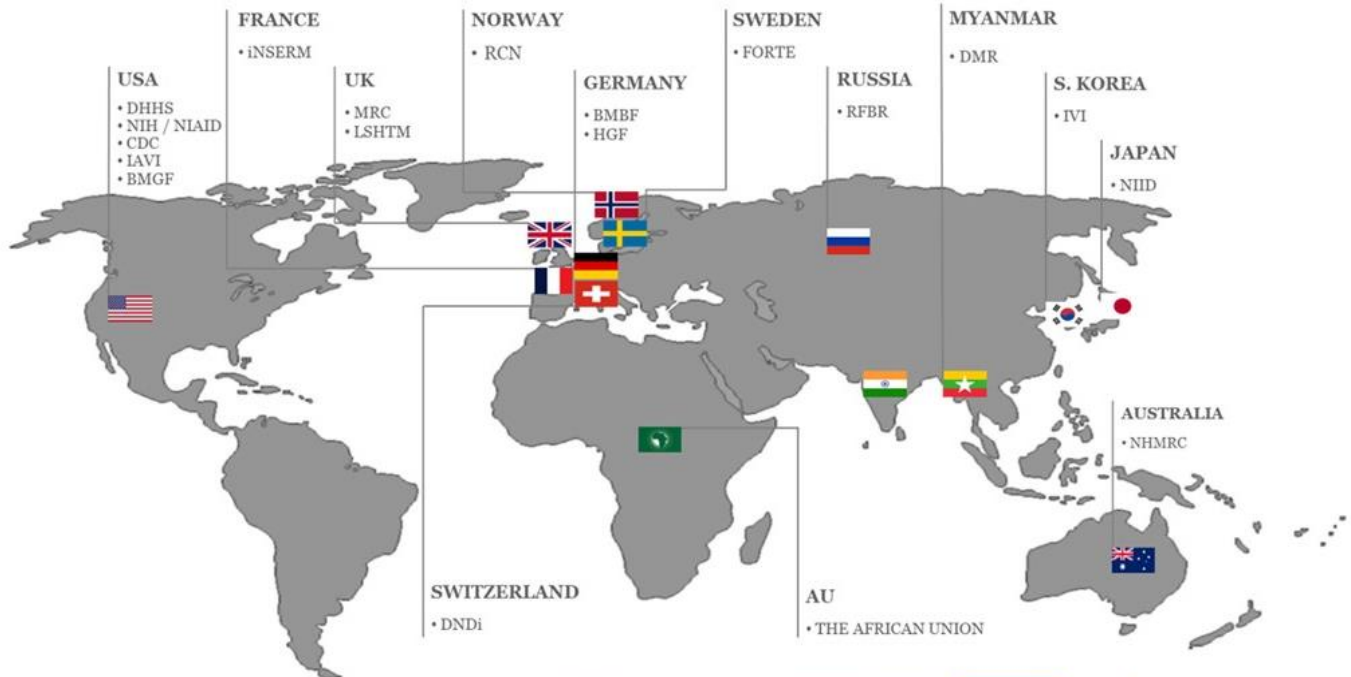


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अनुसंधान परिषद



International Partners of ICMR



**An Overview of International Collaborative
Projects in Health Research
approved by
Health Ministry's Screening Committee (HMSC)
during August, 2017 to July, 2020**

(Volume V)

**International Health Division
INDIAN COUNCIL OF MEDICAL RESEARCH, NEW DELHI**

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August, 2020

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एफएएचए, एफएएमएस, एफएनएएस, एफएएससी, एफ.एन.ए., डी.एस.सी.

सचिव, भारत सरकार

स्वास्थ्य अनुसंधान विभाग

स्वास्थ्य एवं परिवार कल्याण मंत्रालय एवं

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Secretary to the Government of India

Department of Health Research

Ministry of Health & Family Welfare &

Director-General, ICMR



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Dated the 14th August, 2020



Foreword

I am pleased to know that the International Health Division (IHD) of ICMR is publishing the fifth volume of the document entitled “An Overview of International Collaborative Research Projects in Health Research approved by Health Ministry’s Screening Committee (HMSC) during August, 2017 to July, 2020”.

This document is in continuation of previous four volumes published by International Health Division in 2007, 2013, 2015, 2017, which have provided information on the international collaborative research projects approved by HMSC from January 2000 to July 2017. The earlier volumes released by IHD, enlisted the collaborative research projects undertaken by Scientists & Researchers in India in collaboration with their foreign partner scientists with foreign assistance and/or collaboration.

The current document provides information about projects approved by HMSC during August 2017 to July 2020 alongwith information on ICMR’s international partnerships with different countries/agencies and details on the areas of interest and modes of collaboration.

The recent decision taken for the organization of HMSC meetings at every alternate month and complete shifting over to the online submission/processing/review and consideration of international collaborative projects by the Health Ministry’s Screening Committee have further streamlined the procedures by cutting down the delays. The ICMR has also taken various steps to refine the HMSC process during the past two years for fast evaluation of international projects. This facilitates ease of doing business with ICMR by generating trust & confidence among Principal Investigators in the system.

I congratulate the International Health Division for bringing out the Volume V of the document, which strengthens the previous database on collaborative research projects approved by HMSC.

Balram Bhargava

(Balram Bhargava)



Acknowledgement

I take this opportunity to acknowledge the constant guidance and support received from Dr. Balram Bhargava, Secretary, Department of Health Research (DHR) / Director General, ICMR and current Chairman, HMSC for strengthening the international activities of ICMR. I also gratefully acknowledge the guidance of the former Secretaries, Department of Health Research (DHR) / Director General, ICMR namely Dr. Soumya Swaminathan for chairing the HMSC meetings from August 2017 to November 2017 (in this document) and Dr. K. VijayRaghavan for chairing the HMSC meetings from December 2017 to March 2018.

My gratitude is also due to all the members of HMSC for their time, comments, recommendations and suggestions given during various meetings.

I also acknowledge the valuable contribution and support extended by Heads of various Scientific Divisions for their support in implementing bilateral and multilateral collaborative programmes & evaluation of all the projects.

I thank all the Investigators involved in developing & undertaking international projects and the cooperation extended by Programme Officers (POs) at ICMR Hqrs., who have been involved at various stages of processing and evaluation of projects, prior to the consideration by HMSC. I would also like to thank CDAC for their IT support.

Since the beginning of 2020, HMSC meetings are held regularly at alternate months in a calendar year and up-to-date lists of projects approved by HMSC in the last 20 years (w.e.f. January 2000 onwards) are available on the ICMR website. I sincerely thank my Colleagues & Fellow Scientists and Staff Members of IHD for the assistance offered in implementing & coordination of various international collaborative activities under various programmes / MoUs of ICMR & HMSC related work assigned to them from time to time.

A handwritten signature in black ink, appearing to read 'Mukesh Kumar'.

(Dr. Mukesh Kumar)
Scientist G and Head
International Health Division
&
Member Secretary (HMSC)
13th August, 2020

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Publication on ICMR's International Collaboration & Partnerships;
Health Ministry's Screening Committee: Facts, figures & procedures
(Indian J Med Res 151, June 2020, pp 550-553)

An Overview; International Collaboration & Partnerships

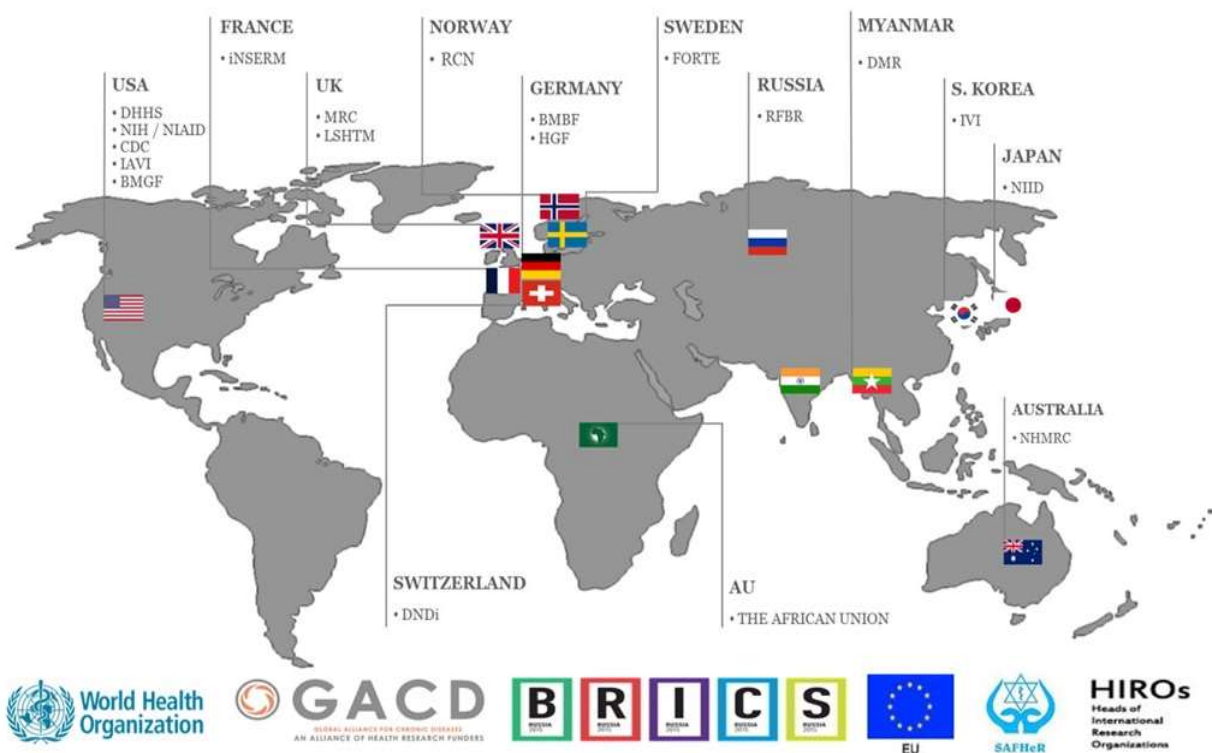
The International Health Division in Indian Council of Medical Research coordinates international collaboration in biomedical research between India and other countries as well as with national & international agencies.

The International collaborations are sought under bilateral, multilateral and/or regional collaborative framework for facilitating and strengthening interactions among governments, academia, institutions and industries in the research areas of mutual interest. Currently, India has several bilateral Science & Technology (S&T) cooperation agreements/MoUs with other countries to facilitate cooperation in the areas of biomedical research between India and foreign countries. ICMR operates in close cooperation with the Indian Ministry of Health & Family Welfare, Ministry of Science & Technology, Ministry of External Affairs, Indian missions abroad and foreign missions in India for the international collaboration.

By and large, biomedical research / health sciences prominently figures in all bilateral agreements in the field of Science & Technology. In addition, there are few specific agreements/MoUs signed by the Ministry of Health and Family Welfare with other countries as well as those signed directly by ICMR with its counterpart International organizations/Institutions.

The purpose of these agreements/MoUs has been for: (i) exchange of scientific information; (ii) exchange of scientists/technicians for training under the projects (iii) joint execution of scientific projects, including support in the procurement of scientific equipments; and (iv) organization of joint scientific meetings, seminars, workshops, symposia in identified subjects of cooperation.

INTERNATIONAL PARTNERS OF ICMR



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

1. The **Indo-German programme** has been running in pursuance of Indo-FRG Agreement on Science & Technology signed in January/March, 1974 (Co-ordinated by DST) and subsequently under ICMR-GSF (now taken over by DLR, BMBF), Special Arrangement for cooperation in biomedical sciences 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. **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 the then Prime Minister of India to Germany. ICMR and Helmholtz Association are distinguished research organizations in their home countries with outstanding scientific resources and technical facilities at their disposal. The areas of interest identified for cooperation, were infectious diseases, oncology & biomedical research related to health. Under this MoU, a virtual Indo-German Science Centre for Infectious Diseases (IG-SCID) was established in April, 2007 which was 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 IG-SCID was in operation till 31st December, 2013. The organization of joint workshops, exchange of scientists/ researchers and execution of twinning projects were 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 were identified under this programme.

The MoU between ICMR and HGF was renewed in May, 2011 at New Delhi in the presence of the then Prime Minister of India and H. E. Chancellor of Germany towards active translational efforts to advance the fight against infections in biomedical research with long-term capacity building for researchers and scientists, in both the countries. The MoU was further renewed in May, 2017 at Berlin during the visit of Hon'ble PM of India to Germany for joint research in areas of Chronic Viral Diseases and Antimicrobial Resistance.

3. **MoU between ICMR and French National Institute of Health and Medical Research (INSERM)** was initially signed in 1989 and renewed in 2000. A Letter of Intent (LOI) between ICMR and INSERM for setting up of an International Associated Laboratory (IAL) in the field of Immunology/Haematology was signed in December, 2010 at New Delhi between the then Secretary, DHR, MOH&FW, GOI & DG, ICMR and CEO, Chairman, INSERM during the visit by delegation of His Excellency, the then President of France to India.

The ICMR-INSERM MoU was renewed on 10th March, 2018 at New Delhi during the visit of Hon'ble President of France to India. Joint research will be collaborated in identified mutual areas of interest-Diabetes and Metabolic disorders; Bioethics with focus on regulatory issues of gene editing and Rare diseases.

4. **The Indo-US Joint Statement on HIV/AIDS** was signed in 2000 and further renewed in June 2006; October, 2011 and in June, 2015 through exchange of letters. The renewed cooperation in the field of STD and HIV /AIDS intends to continue and develop cooperation in the field of basic, clinical, translational, prevention research, training and infrastructure strengthening.
5. **The Indo-US Joint Statement on Diabetes Research** was signed in June, 2012 in USA and renewed in May/June 2017 through exchange of letters. The collaborative research

projects are mainly aimed for capacity building through scientific knowledge, technology and training needs, developing tools for disease control and prevention such as vaccine and collaboration on prevention, treatment and elimination of disease. To generate a better understanding of the molecular and biological mechanisms underlying diabetes, to characterize the genetics, social and environmental determinants and to identify innovative approaches for improving prevention and treatment of diabetes, developing cost effective tools and approaches to translate research results into policies and actions to improve public health.

6. **The Indo-US Joint Statement on Environmental and Occupational Health, Injury Prevention and Control** was earlier signed in 2002 and was renewed in June, 2006. This Joint Statement has been further renewed as **MoU** in June, 2015 to promote and develop cooperation in the field of Environmental and Occupational Health, injury prevention and control research, education and training, infrastructure development and capacity building.
7. **The Indo-US MoU** among the NCI (AIIMS), MOH&FW, ICMR (DHR), DBT (Min of S&T) and NCI (NIH), DHHS, Govt. of USA for **Cooperation on Cancer Research Prevention Control and Management** was signed in June, 2015 at New Delhi for establishment of the general framework of collaboration for promoting and conducting high quality research to strengthen evidence base necessary for cancer prevention, treatment and management.
8. **The Indo-US Letter of Intent (LoI)** between ICMR, New Delhi and Department of Biotechnology, Ministry of Science and Technology of the Republic of India and the National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, DHHS, USA was signed in June, 2015 on **Antimicrobial Resistance Research**.
9. **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 extended in May, 2008. The scientific focus was 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. The collaboration was further renewed in January, 2017 through exchange of letters.
10. **MoU between ICMR and International AIDS Vaccine Initiative (IAVI), USA** was signed in October/November 2014 respectively at New York / New Delhi. This MoU between IAVI & ICMR is to collaborate and contribute their experiences and resources on AIDS Vaccine development and evaluation of one or more safe and effective AIDS vaccines primarily for use in, but not limited to, India and other biomedical tools for prevention of AIDS based on mutual agreement.
11. **MoU between ICMR and London School of Hygiene and Tropical Medicine, London (LSHTM), 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; Research support to National Rural Health Mission of India. The collaboration was renewed in December, 2015 at London. Joint research in identified mutual areas of interest -Public Health, including evaluation and health systems research; Disabilities (Prevention and Rehabilitation) and Impact of Environment on Health; Infectious Diseases including vector borne diseases; Maternal and Child Health; Nutrition (under- and over-nutrition), including the role of Agricultural policy and practices; Statistics and methodology; Research support to National Health Mission of India.

12. In February, 2010 **MoU between ICMR and Medical Research Council (MRC), United Kingdom** was signed 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. The collaboration was renewed at New Delhi in November, 2015 for research on Antimicrobial Resistance, Dementia, Maternal and Child Health, Impacts of environmental change (including climate) on health.
13. **MoU between ICMR and Global Alliance for Chronic Diseases (GACD)** was signed in April, 2011. 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 programme is reviewed periodically through Strategy Board Meetings.
14. **MoU between ICMR and Research Council of Norway (RCN), Norway** was signed in October, 2014 at Oslo by Indian Ambassador to Norway and DG, RCN during the visit of Hon'ble President of India to Norway. This MoU is to encourage health research in a range of health areas of mutual interest, which currently include Human Vaccines; Infectious Diseases and Antimicrobial resistance.
15. **MoU between ICMR and the Russian Foundation for Basic Research (RFBR), Russia** was signed in December 2014 at New Delhi in the presence of the Hon'ble Prime Minister of India and H.E. the President of Russia. This cooperation in Health Research is in specific areas such as Oncology, Bioinformatics & bio-imaging, Neurosciences, New generation vaccine research and Research in HIV/AIDS.
16. **Memorandum of Intention (MoI) between ICMR and Swedish Research Council for Health Working Life and Welfare (FORTE)** was signed in June, 2015 at Stockholm, under India -Sweden agreement on cooperation in the field of healthcare and public health during the visit by the then President of India to Sweden. The MoI is to increase bilateral cooperation between Sweden and India in the field of Ageing and Health to enhance the understanding of demographic change and impact of migration on physical

and mental health and well-being of the elderly forms and systems of care of the elderly and use of ICT assistive technology and addressing issues related to nutrition in elderly.

17. **MoU between ICMR and Drugs for Neglected Diseases Initiative (DNDi), Switzerland** was signed in October, 2015 at New Delhi for cooperation in neglected diseases.
18. **MoU between ICMR and National Health and Medical Research Council (NHMRC) Australia** was signed in January/February 2016 from ICMR and NHMRC respectively. The MoU is to increase bilateral cooperation between Australia and India in the field of infectious diseases, chronic diseases pursued via each party's membership of the Global Alliance for Chronic Diseases, public health and clinical aspects of chronic diseases, HIV/AIDS, Road traffic injuries, Maternal and child health and Health systems.
19. A **Letter of Intent (LoI) between ICMR and National Institute of Infectious Diseases (NIID) of Japan** was signed on Antimicrobial Resistance Research in April 2016 in Japan. The collaboration is in the area of Development of integrated surveillance program covering epidemiology data and genomic data of antimicrobial resistance in each country and mutual exchange of information of molecular and epidemiological data of antimicrobial resistance by developing of comparable surveillance program in each country.
20. A tripartite **MoU between ICMR, Department of Health Research; Ministry of Health and Family Welfare, GoI and International Vaccine Institute, South Korea** in August, 2017 at New Delhi in the area of **Vaccine development**. The programme is reviewed through Board of Trustees meetings periodically.
21. **MoU between ICMR and the African Union (AU)** was signed on 27th March, 2019 at ICMR, New Delhi. It is envisioned that the commonalities between Africa and India in disease epidemiology, including communicable & non-communicable diseases and other health-specific issues (such as HIV/AIDS, Tuberculosis, Cancer, Emerging and re-emerging infections, Vector control, Health Systems) can be well-addressed through collaborative research programs focusing on population-based studies and disease specific product development and address the SDGs through generation of research evidence and validation in humans. Efforts will be made to encourage African entrepreneurship in the health sciences through technology transfer, training and hands-on experience.
22. A tripartite **Declaration of Intent (DoI) between The Indian Council of Medical Research (ICMR), Department of Health Research, Ministry of Health and Family Welfare of India; the National Institute of Allergy and Infectious Diseases (NIAID) of the National Institutes of Health (NIH), Department of Health and Human Services of the United States of America (USA); and, the Bill & Melinda Gates Foundation (BMGF), USA** was signed in October/November 2019 and was exchanged during the visit of Mr. Bill Gates, Co-Chair, Bill; Melinda Gates Foundation to ICMR hqrs, New Delhi on 17th November, 2019. The collaboration will establish a clinical

research fellowship programme for young scientists in India and the USA to expand research that will advance discovery to improve clinical practice and benefit public health in both countries. The initial focus of this fellowship programme is to be for scientists engaging in infectious disease and immunology research, with an emphasis on diseases that affect women and children.

23. **MoU between The Indian Council of Medical Research (ICMR) and the Department of Medical Research (DMR), Ministry of Health and Sports of Myanmar** in the field of Health Research was signed on 27th February, 2020 during the visit of Hon'ble President of Myanmar to India. The collaboration is in the areas of Elimination of Infectious Diseases, Development of network platform for emerging and viral infections, Training/ capacity building in research methodology management, clinical trials, ethics etc. and Harmonization of regulatory mechanism.

Various activities have been initiated under these Joint Statements and MoUs. 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/Jt. Statements, the collaboration has fruitfully led to publication of several research papers as well as transfer of technology and 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.

Forms and other details:

- The Joint Call for Proposals under the above mentioned MoUs/Joint Statements of ICMR with various International agencies are advertised on the respective websites of related Parties from time to time along with details on subject area and required documents to be submitted in specific formats.
- For assistance from other foreign Funding Agencies/Organizations/ Foundations: The prescribed format of the concerned agency is to be used. If there is no prescribed format, proposals are to be prepared by using ICMR Format.
- National Funding Agencies: Indian investigators are also advised to look out for periodic call for proposals issued under various bilateral or multilateral collaborative programmes by other Indian agencies (such as DBT; DST; CSIR etc) supporting Health/Biomedical research.

Health Ministry's Screening Committee (HMSC)

The research projects involving foreign assistance and/or collaboration in biomedical/ health research are to be submitted by the Indian investigators to ICMR for approval of Govt. of India through Health Ministry's Screening Committee (HMSC). It is a High-Level Committee constituted by the Govt. of India in early 1980s to screen & approve the international collaborative proposals in the field of biomedical health research.

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

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

HMSC Secretariat

The International Health Division at ICMR is the Secretariat for HMSC and facilitates technical review of the collaborative proposals for placement before this Committee as a mandatory requirement. Since 2020, this Committee meets regularly at every alternate month in February, April, June, August, October & December in a calendar year under the chairmanship of the Secretary, Department of Health Research, Ministry of Health and Family Welfare, Government of India. The international collaborative health research proposals are scientifically evaluated, scrutinized and managed by the Scientific Divisions at ICMR Hqrs. in their respective subject areas. The peer reviewed proposals are placed before the HMSC for a final decision. Proposals complete in all respect are received in IHD, by 15th of month before the HMSC meeting from various scientific divisions at ICMR Hqrs to prepare the Agenda for the meeting and prior circulation to the members (at least 3 weeks in advance).

The decision on the proposal is generally conveyed latest by the beginning of following months (i.e. 15th of March, May, July, September and November and January).

The Indian counterpart or Principal Investigator will be funded for the collaborative project by ICMR under the bilateral MoUs signed by ICMR and research projects are received through call for proposal mechanism advertised by ICMR as and when decided between ICMR and the partner agency.

Online submission

With effect from June, 2017, the Indian collaborator is required to submit the proposal and related papers online to ICMR in prescribed format. The list of documents/necessary clearances to be submitted along with the details on international collaboration is available on ICMR website. The research proposal is required to be submitted in the prescribed format of the concerned Funding agency/Foundation. If there is no prescribed format, proposal is to be prepared using ICMR format which can be downloaded from the ICMR website.

Guidelines for submission of projects for HMSC consideration

For guidance /information for Indian researchers/ investigators, the guidelines have been placed on ICMR website at the link <https://main.icmr.nic.in/content/guidelines>. These guidelines give information related to the requisite number of documents to be submitted and the necessary downloadable forms etc.

These guidelines also provide a brief account on ICMR's existing partnerships with various countries/agencies around the globe as well as the thrust areas of collaborative research under these programmes. The IHD periodically updates these guidelines for Indian investigators.

Some important tips

1. Please ascertain from foreign collaborator whether he/she would be willing to submit the proposal under joint collaborative programmes of ICMR or under other foreign grants.
2. If the foreign collaborator agrees to do so, you may obtain the relevant form from the concerned funding agency's website. PI may also fill in the ICMR summary sheet for international collaborative projects in the prescribed format.
3. The Indian & foreign investigators should submit their proposals to ICMR and respective foreign funding agency simultaneously for review.
4. The following general information is to be given in the documents while submitting proposals for foreign collaboration/ assistance by Indian investigators for HMSC consideration:
 - i. Role/Status/ Expertise of the Indian Principal Investigator along with the CV and consent of all Co-investigators (if any).
 - ii. Availability of infrastructure and manpower in the parent institution.
 - iii. Justification for foreign collaboration/funding.
 - iv. Relevance to India's national health priorities.
 - v. Role, consent and bio-data of foreign collaborator/co-investigator(s).
 - vi. Budget with justification and year-wise break-up in single currency i.e. Indian currency including training as well as foreign exchange visits component, if any.
5. Apart from the technical details such as rationale for the study objectives, review of literature, materials and methods, techniques to be used etc, the following additional information is required for a collaborative project:
 - i. Nature of work to be done in Indian lab/institution and in foreign collaborator's laboratory/institution.
 - ii. Number of ongoing international collaborative projects during last five years (duly approved by HMSC) being undertaken by the Indian PI and the outcome of such approved projects (publications, patents, etc.)
 - iii. Whether there would be transfer of technology as an outcome of the project.
 - iv. Whether there would be transfer of human biological material from India to the foreign lab, or vice-versa for QA/QC purpose and if so the requisite details for the same, such as nature, number and quantity (percent wise) of material to be sent abroad; purpose/need of transfer; type of investigation(s) to be done utilizing the material; institution(s)/scientist(s) to whom material is to be sent along with their addresses; a duly signed Material Transfer Agreement (MTA).

NOTE : In case of transfer of human biological material under the collaborative proposals, guidelines issued by the Ministry of Health and Family Welfare, Govt. of India, New Delhi, vide O.M. No.L.19015/53/97-IH(Pt.) dated 19th Nov. 1997 are to be followed.

6. With the progress in the area of cellular and molecular biology, the following points have become quite important for consideration by scientists during preparation of the proposals, as these may have a bearing on the approval process:
 - i. Safety during transfer – risk of transportation of biological material. Adequate precautions need to be taken.
 - ii. National security – the research should not lead to development of biological weapons.
 - iii. Risk (relative) from the defence and internal security point of view of the country.
 - iv. Intellectual Property Rights issues, if any.
 - v. Potential for commercial exploitation, such as by development of vaccines, diagnostics, therapeutics, drugs, etc.
7. For exchange visits under projects approved under ICMR bilateral programme, the approval of regulatory authorities of Government of India is to be taken. Papers need to be submitted at least 6-8 weeks in advance along with CV, passport details, consent of visits to be undertaken by Indian /foreign PI etc.
8. Institutional Ethics Committee (IEC) clearance to be submitted for each of the participating centers/sites at the time of submission of the proposal to ICMR. The project is likely to be deferred by HMSC in the absence of IEC clearance certificate & IRB/IEC should be registered with the National Ethics Committee Registry for Biomedical and Health Research in DHR/MoHFW.
9. For international collaborative studies involving multiple sites/centers in India, a single proposal may be submitted by one of the Indian Investigators (acting as a Coordinator). However, Institutional Ethics Committee clearances of all centers and their individual budgets/ roles in the study need to be submitted along with the common protocol.
10. Appropriate clearances for research involving human subjects, animal experimentation /radio-tagged material (for clinical and/or experimental purposes), recombinant DNA/genetic engineering work are to be submitted.
11. For research projects involving clinical drug trials/global clinical trials, clearance from office of Drugs Controller General of India (DCGI) is to be submitted by Indian PI to ICMR.
12. The regulatory requirements of DCGI should be fulfilled and all necessary approvals as per the latest amendments by GoI of Jan/Feb 2013 in the Drugs and Cosmetics Rules 1945 should be followed /fulfilled by the Indian PIs. The decision of DCGI and Hon'ble Supreme Court of India on Clinical Trials of new drug entities would be applicable on such studies.

13. The project also needs to be registered with the Clinical Trial Registry-India (CTRI) in ICMR before initiation of the study. (Wherever applicable). For details visit Website: www.ctri.nic.in
14. Institutes receiving foreign assistance should ensure to have the requisite Foreign Contribution (Regulation) Act (FCRA) clearance as per the requirement of DEA, Ministry of Finance, GOI.
https://fcraonline.nic.in/home/PDF_Doc/doc00600120151214130739.pdf.
15. The proposals submitted by ICMR institutes / centers should submit the recommendations of the Scientific Advisory Committee (SAC) of their institutes/centres.
16. Mutual agreement on IPR claims addressing the IPR issues is to be submitted, if applicable.
17. MoU on Data sharing/ Clinical Trial Agreement is to be submitted, wherever applicable.
18. If the project involves field work/ utilization of State health facilities, then necessary approval of concerned State health authorities is to be provided.
19. Any self funded Scholarship/Fellowship awarded to the candidate/scholars to work in India for pursuing higher education/research can be initiated by taking necessary permission and fulfilling regulatory requirements of the host institute and/or concerned department by circulation. These are considered as an educational activity as part of their career development. Only if felt necessary by IEC, the case may be referred for HMSC consideration.
20. Sharing of raw data by Indian PI with the foreign agency in any form is not permitted. Only de-identified/anonymized /analyzed data can be shared.
21. The Nagoya Protocol on Access and Benefit Sharing (ABS), (a new international treaty adopted under the auspices of the Convention on Biological Diversity (CBD) in Nagoya, Japan in 2010) which aims at fair and equitable sharing of benefits arising from the utilization of genetic resources is required to be followed.
22. No modification/alteration in the format of ICMR Summary Sheet is allowed by Indian PI. The PI should strictly follow the format provided for consideration of HMSC.
23. The PIs of approved projects are required to submit Annual progress report (in prescribed format) to the concerned Scientific Division & IHD.
24. Additional documents to be submitted by NGOs
 - i. The annual reports, statement of accounts, achievements and their role in the project.

- ii. Justification for the budget with exact amount to be used under different heads with full explanation.
- iii. The composition of the Institutional Ethics Committee as per the ICMR ethics guidelines for biomedical research on human subjects
- iv. Registration/Unique ID No. assigned by NITI Ayog, GoI-NGO DARPAN Portal. <https://ngodarpan.gov.in>

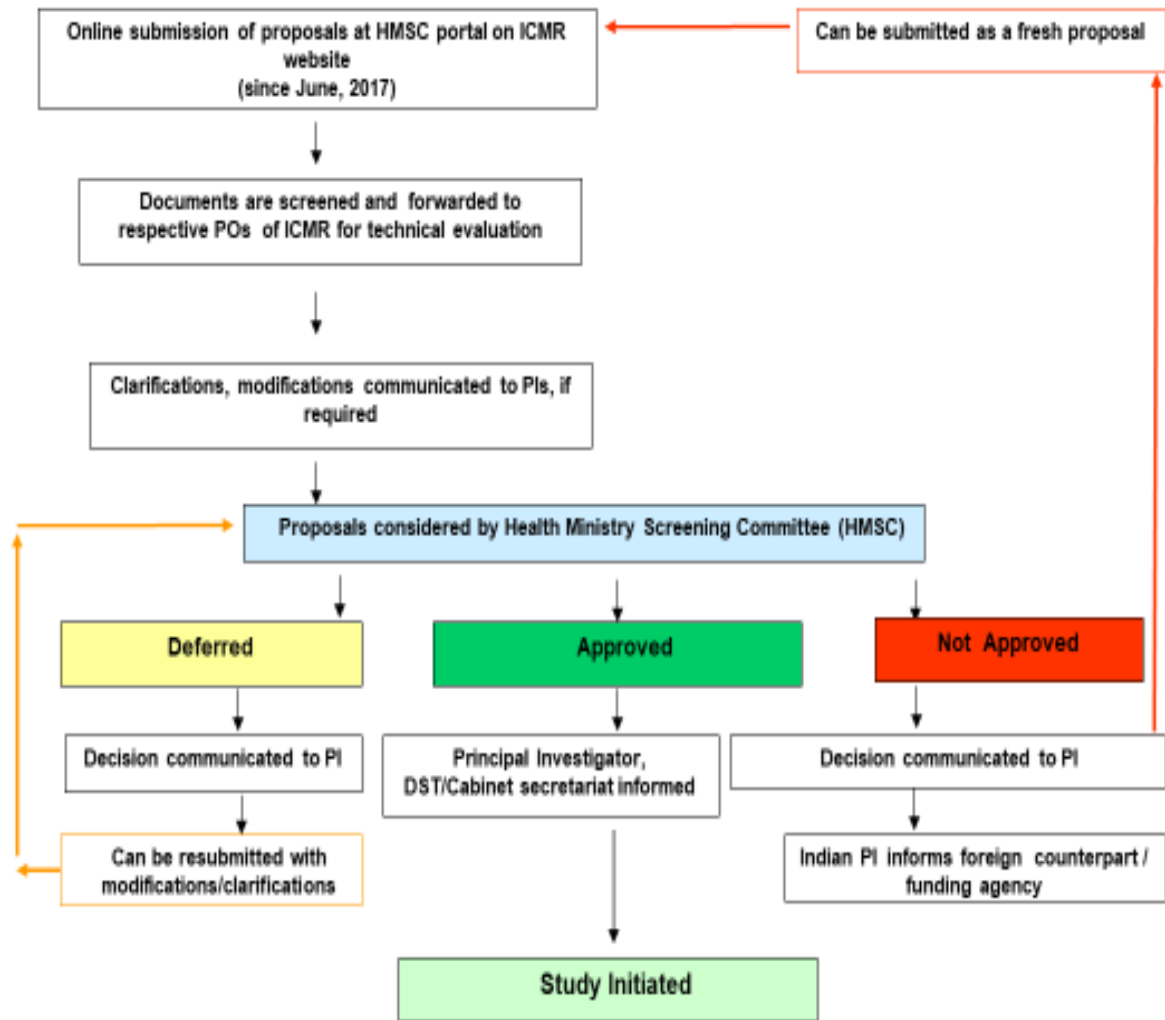


Figure: HMSC flow chart in brief

HMSC Meetings

A total of fourteen (14) meetings were held during August, 2017 to July, 2020 wherein 684 projects were considered and 525 projects were approved by HMSC. Out of which, twenty (20) projects are being co-funded by ICMR under ICMR-RCN Norway (6), ICMR-GACD (2), ICMR under Indo-US Joint Statement (HIV/AIDS & STD Prevention) (7), ICMR under ICMR-BMBF, Germany (5) collaboration.

Recommendations/suggestions given by HMSC during its various meetings held during August 2017 to July 2020 related to regulatory and other issues:

- The issue of review of health/biomedical research related international collaborative projects by the Health Ministry's Screening Committee (HMSC) which are called for and funded by scientific agencies such as DBT/DST (under their bilateral/multilateral international programmes) was discussed during HMSC meeting held on 26th June, 2018.

It was suggested that the international projects in the area of health research which are duly approved and sanctioned by Secretary DBT/DST, MoS need not be submitted for HMSC consideration which is chaired by Secretary, DHR, MoH&FW. However the technical experts may examine the national security/sensitivity angle, if any, in addition to justification & the scientific rationale for foreign collaboration; ethical concerns; transfer of technology/capacity strengthening of Indian labs etc during review of the international projects to be funded by DBT/DST. However, it was felt that this issue may be deliberated further amongst the scientific agencies to streamline the approval process for international collaborative research projects.

- The Committee during the HMSC meeting held on 17th December, 2018 directed that any Self funded Scholarship/Fellowship awarded to the candidate/scholars to work in India for pursuing higher education/research can be initiated by taking necessary permission and fulfilling regulatory requirements of the host institute and/or concerned department by circulation. These are considered as an educational activity as part of their career development.
- The Committee during the HMSC meeting held on 17th December, 2018 directed that Sharing of Raw data in any form by Indian PI with the foreign agency is not permitted. Only de- identified/anonymized /analyzed data can be shared.

- The Committee during the HMSC meeting held on 17th December, 2018 directed that No modification/alteration in the format of ICMR Summary Sheet submitted by Indian PI is allowed, and PI should strictly follow the format provided for consideration of HMSC.

The Committee was informed during the HMSC meeting held on 13th March, 2019 that the ICMR is in process of simplifying the procedure regarding HMSC clearance of scientific projects. An expert committee was formed by DG, ICMR which exchanged views in August 2018. In February, 2019, after due discussions a consolidated policy decision was drafted. It was suggested that the proposed changes pertaining to clearance process of Global Clinical Trial, transfer of biological material and facilitation of international collaborative research may be forwarded to DCGI for their opinion/concurrence. Accordingly, the proposed changes will be placed before the Independent Committee on suggested modifications regarding HMSC clearance of scientific projects for further implementation.

Activities of International Health Division during August 2017 to July 2020

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

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

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

JWG/JSC meetings under various MoUs and Joint Statements held and attended

1. Organized Global Alliance for Chronic Diseases (**GACD**) Board meeting at ICMR Hqrs., New Delhi on 7th November, 2017
2. 1st Joint Working Group (JWG) meeting between **India and Croatia** on cooperation in the field of health and medicine at MOH&FW, New Delhi on 9th February, 2018.
3. Joint Working Group (JWG) meeting under **Indo-US** MoU on Collaboration in Environmental and Occupational Health and Injury Prevention and Control at ICMR Hqrs., New Delhi on 22nd June, 2018.
4. 1st meeting of the **Indo-French** Joint S&T Committee on 'National priorities and programmes in Science, Technology and Innovation in India and France' at New Delhi on 25th June, 2018.
5. 1st Joint Working Group (JWG) meeting between **India and Morocco** on 'Health Cooperation' at New Delhi on 19th July, 2018.
6. 6th **UK-India** Science and Innovation Council meeting New Delhi on 26th July, 2018.
7. Joint Working Group (JWG) between **India and Sweden** on health cooperation at New Delhi on 12th October, 2018.
8. **Indo-Italian** Joint S&T Committee meeting at New Delhi on 29th October, 2018.

9. 1st Joint Working Group (JWG) meeting between **India and Indonesia** on Health Cooperation held at New Delhi on 28th February, 2019.
10. 12th **India-EU** Joint Steering Committee meeting on Science & Technology Cooperation at Department of Science & Technology, New Delhi on 1st March, 2019.
11. 6th Meeting of **India-Sweden** Joint Committee (JCT) on Science & Technology at Stockholm, Sweden wherein the progress made under ICMR-FORTE Collaboration was reported upon and new areas of cooperation in Health Sciences were suggested during 2nd and 3rd May, 2019.
12. Strategy Board Meeting of Global Alliance for Chronic Diseases (**GACD**) at National Institutes of Health (NIH), USA on 19th June, 2019.
13. **Indo-US** Joint Steering Committee (JSC) meeting on Diabetes at National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK), NIH, USA on 20th June, 2019.
14. 10th meeting of **India-Taiwan** Joint Committee on Cooperation in Science and Technology between India & Taiwan at New Delhi on 25th July, 2019.
15. 4th meeting of **India-Sri Lanka** Joint Committee Meeting (JCM) on S&T organized by Department of Science & Technology (DST) at New Delhi on 14th August, 2019.
16. Joint Working Group (JWG) meeting under **Indo-US** Collaboration in Environmental & Occupational Health (EOH) at ICMR Hqrs., New Delhi on 30th August, 2019.
17. 2nd meeting of **India-Denmark** Joint Committee on Cooperation in Science & Technology at New Delhi on 22nd November, 2019.

MoUs/Lol signed by ICMR during the period August 2017 to July, 2020

1. MoU between ICMR; Department of Health and Family Welfare; MOH&FW and International Vaccine Institute (IVI), South Korea for enhancing the vaccine research and capacity building in vaccine area was signed at New Delhi on 21st August, 2017.
2. MoU between ICMR and Inserm, France signed on 10th March, 2018 at New Delhi during the visit of Hon'ble President of France to India. The MoU duly signed by Secretary, Department of Health Research & DG, ICMR, MOH&FW, GOI and CEO & Chairman, INSERM exchanged during the Indo-French Knowledge Summit held at New Delhi on 10th March, 2018.

3. MoU on India-Africa Health Sciences Cooperation between Indian Council of Medical Research (ICMR) and African Union Science & Technology Research Commission (AU-STRC) signed on 27th March, 2019 at ICMR Hqrs., New Delhi.
4. Declaration of Intent between the Indian Council of Medical Research, Department of Health Research, Ministry of Health and Family Welfare and National Institute of Allergy and Infectious Diseases, National Institutes of Health and the Bill & Melinda Gates Foundation (BMGF), USA has signed on 17th November 2019 at New Delhi in the presence of Mr. Bill Gates, Co-Chair, BMGF.
5. MoU between the Indian Council of Medical Research (ICMR), India and the Department of Medical Research (DMR), Myanmar signed on 27th February 2020 at New Delhi.

Exchange visits during the period August, 2017 to July, 2020

The IHD supports and coordinates the international travel of Indian scientists engaged in approved bilateral collaborative research projects under various MoUs and Joint Statements with other countries. A total of 50 exchange visits of scientists / officials to and from India were arranged under various international collaborative programmes / projects during August, 2017-July, 2020.

ICMR International Fellowship Programme for Indian Biomedical Scientists

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

Announcement of applications for ICMR International Fellowships for 2018-19 was put up on ICMR website and also published in National Newspapers. The Selection committee meeting was held on 17th May, 2018. The ICMR International Fellowships were awarded to six Senior and twelve Young Indian scientists during the year 2018-19.

The reports of Senior and Young ICMR International Fellows who had undertaken the Fellowship during the year 2017-18 & 2018-19 were placed on ICMR website.

Integration of ICMR and DHR International Fellowship Schemes:

The International Fellowship Schemes of ICMR and DHR for Indian Scientists were integrated as ICMR-DHR International Fellowship Programme for Indian Biomedical Scientists (Senior and Young) enhancing the number of slots to 65 from 18 (earlier supported by ICMR). Slots

enhanced to 40 for Young Scientists for Long term ICMR-DHR International Fellowships and 25 for Senior Scientists for Short term ICMR-DHR International Fellowships.

Online process of submission and review of the ICMR-DHR International Fellowship Scheme was developed in house by the IHD. Accordingly, announcement of applications for ICMR-DHR International Fellowships for 2019-20 and 2020-21 was put up on ICMR/DHR websites and also published in National Newspapers in January, 2019 and September, 2019 respectively.

During the year 2019-20 Selection Committee meetings were held on 23rd May, 2019 & 30th May, 2019. The ICMR-DHR International Fellowships were awarded to 25 Senior and 31 Young Indian scientists for the year 2019-20.

During the year 2020-21 Selection Committee meetings were held on 12th March, 2020 & 11th May, 2020 (through videoconference). The ICMR-DHR International Fellowships were awarded to 26 Young and 30 Senior Indian scientists for the year 2020-21.

ICMR International Fellowship Programme for Scientists belonging to Developing Countries

Two Scientists under ICMR International Fellowship Programme for Developing countries were selected by a Committee during meeting held on 15th May, 2017 at ICMR Hqrs., New Delhi.

A scientist from Kenya visited National Centre for Cell Science (NCCS), Pune for 3 months in January, 2018. A scientist from Ethiopia visited ICMR-National Institute for Research in Tuberculosis (NIRT), Chennai under ICMR International Fellowship Programme for Developing countries for 6 months in May, 2018.

New initiatives:

- **Newton Bhabha Fund Programme:** Indian Council of Medical Research partnered with British Council, UK for the Researcher Links Workshops under the Newton Bhabha Fund programme for a period of 3 years and An Operational Alliance Agreement (OAA) was signed between ICMR and British Council on 11th October, 2019. Researcher links workshops are designed to provide financial support to bring together a UK/Indian bilateral cohort of early career researchers to take part in workshops to meet the overarching objectives.

Each workshop is expected to be for four days in duration. The workshops will be led by one 'Principal Applicant' and up to two senior researchers acting as mentors ("Mentor") from both UK and India, alongside 17 early-career researchers from each country, chosen by the respective Principal Applicants, up to a maximum of 40 participants in each workshop.

The first joint call was advertised on ICMR website and British Council on 17th July, 2019 in the following priority areas:

1. Elimination Strategy for HIV – with following sub-themes:
 - a) The test-and-treat strategy and other possible strategies for HIV elimination including topics like –
 - Treatment as prevention for HIV AIDS that emphasizes the impact of treatment on the transmission dynamics of HIV in populations;
 - Other possible elimination strategies.
 - b) Challenges to elimination including topics like –
 - Resistance, Social behavioral aspect and persistent HIV infection
 - Dynamics of HIV reservoirs
2. HIV-TB co-infection – with following sub-themes:
 - a) Understanding TB latency today and its opportunities for HIV and TB programmes including topics include –
 - Current options for diagnosis and treatment and for TB latent infection;
 - New strategy/ formulations for the treatment of latent TB infection: opportunities and challenges;
 - Reach all in need for treatment of latent TB & and its opportunities for HIV and TB programmes.
 - b) Finding synergies between the HIV and TB programmes including topics like –
 - TB prevention in HIV-associated TB: Opportunities and challenges;
 - New regimens for TB and HIV.

The closing date for submission of applications was 9th August 2019. The applications received under the call were reviewed by the Expert Committee and one application was selected for funding for the year 2020-21.

- The second joint call for the year 2020-2021 was launched on ICMR and British Council website on 18th May, 2020 in the following specific thematic areas:

1. Cardiovascular pharmacotherapy in Covid-19 infections- 1 Workshop
2. Bio-banking- 1 Workshop
3. Public health preparedness and response to emerging disease outbreak/pandemic - 1 Workshop
4. Capacity building of maternity care providers to improve perinatal outcome- - 1 Workshop

The closing date for submission of applications was 12th June, 2020.

Five applications were received under this call and are currently under review.

An addendum to the Operational Alliance Agreement (OAA) has also been signed by ICMR on 24th June, 2020 and shared with the British Council for signature on their part.

ICMR-NIH-BMGF Clinical Research Fellowships

The Indian Council of Medical Research (ICMR), the National Institute of Allergy and Infectious Diseases (NIAID) of the National Institutes of Health (NIH), and, the Bill & Melinda Gates Foundation (BMGF) signed on 17th November, 2019, intend to collaborate regarding the establishment and funding of a clinical research fellowship programme for early and mid-career scientists within India and the US to help in expanding the cohort of physician scientists focused on research that will advance discovery to improve clinical practice and benefit public health in both countries.

The initial focus of this fellowship programme is intended to be scientists engaging in infectious disease and immunology research, with an emphasis on diseases that affect women and children.

NIAID and ICMR will manage the fellowship programme, including all aspects of the application and selection process. While all early-career investigators within India and the US who meet the eligibility criteria may apply, an important objective of this fellowship programme is also to encourage the development of female early-career clinical scientists in India. Another objective of the programme is an intention to foster long-term collaborative relationship between Indian and U.S. investigators. To help advance these purposes, the programme may include small initial research grants competitively awarded to support the research of successful fellows upon completion of their fellowships.

The Implementation Plan & Guidance documents are under preparation in consultation with NIH & BMGF.

India Africa Health Sciences Platform

The India-Africa partnership, touted as a partnership of equals, is pillared on numerous similarities – social, financial and political. Our common concerns and fight against poverty, nutrition, sanitation, infrastructure, health and healthcare delivery, all demand innovative, sustainable and most importantly, regionally relevant solutions. Cognizant to this demand, India is shouldering the responsibility and has taken a step forward in setting up platforms like the **India-Africa Forum Summit (IAFS)**. The landmark IAFS III held in October 2015, under the aegis of the Hon'ble Prime Minister of India set the tone for collaborative and mutually beneficial partnerships between the two regions. India has committed substantial support towards the development of Africa with dedicated focus on capacity building, sharing of technical know-how and globally collaborative academic linkages between the two regions. To carry forward this vision of IAFS III in the area of public health, the Indian Council of Medical Research partnered with Ministry of External Affairs and other key Indian Ministries (H&FW; S&T; Commerce and Industry; Chemicals and Fertilizers) and several African regional scientific and research agencies to organize the first **India Africa Health Sciences Meet (IAHSM)** in September 2016 at New Delhi. The Meet saw participation from Cabinet Ministers and 400 delegates including senior government representatives, technocrats, industry leaders and scientists. The global development agencies with a significant footprint in India and Africa such as the Bill and Melinda Gates Foundation, United States Agency for International Development, Wellcome Trust, World Health Organisation and the International AIDS Vaccine Initiative also participated in the meeting.

The deliberations highlighted the need for India and Africa to conduct joint biomedical and health research to address diseases of common concern through indigenous development of affordable drugs, diagnostics and vaccines, and also enable knowledge sharing and capacity strengthening. Discussions also focused on boosting pharmaceutical trade and manufacturing cooperation to foster affordability of essential drugs and harmonization of regulatory & intellectual property policies.

The ICMR has taken up the mandate to initiate and strengthen this strategic partnership in a structured and organized manner by establishing the **India-Africa Health Sciences Collaborative Platform (IAHSP)**. It is envisioned that the commonalities between Africa and India in disease epidemiology, including communicable & non-communicable diseases and other health-specific issues (such as HIV/AIDS, Tuberculosis, Cancer, Emerging and re-emerging infections, Vector control, Health Systems) can be well-addressed through collaborative research programs focusing on population-based studies and disease specific product development and address the SDGs through generation of research evidence and validation in humans. Efforts have been made to encourage African entrepreneurship in the health sciences through technology transfer, training and hands-on experience.

In addition it was proposed to initiate activities such as training/capacity building for strengthening the product development capabilities for drugs and diagnostics; harmonization of regulatory, intellectual property policies; acceptance of Indian Pharmacopeia/African Pharmacopeia; product evaluation, introduction and access; awareness and mutual recognition of Indian drug regulatory authorities review mechanisms of CTDs; drug testing and quality control etc.

To formalize this partnership, a **Memorandum of Understanding (MoU)** was signed between ICMR and the African Union (AU) on 27th March, 2019 at ICMR, New Delhi. An African delegation from AU-STRC visited India and attended the signing ceremony alongside the key officials and representatives from the Government of India (such as Ministry of External Affairs and Central Drugs Standard Control Organization (Drug Controller General of India) and other national and international agencies (such as Wellcome Trust-DBT India Alliance, WHO and International AIDS Vaccine Initiative). The signing ceremony was also attended by the Ambassadors/representatives from various African High Commissions/Embassies in India.

During 28-29th March, 2019 a Working Group was organized to enable discussion for devising the road map for implementation of the partnership components. The working group sessions had representation from the ICMR divisional leaderships, Department of Biotechnology (DBT), Department of Science and Technology (DST), Federation of Indian Chambers of Commerce and Industry (FICCI), and representatives from institutes and agencies such as National Institute of Biologicals (NIB) and IAVI.

Based on the discussion with AU-STRC team, an extensive Action Plan was developed containing the critical milestones with definite timelines. Accordingly the first activity of Capacity building was initiated through a Call for Applications for African Health Practitioners/Researchers under ICMR/AU-STRC Capacity Building Scheme (Training courses at ICMR Institutes in India 2019).

First Call for Applications for ICMR/AU-STRC Health Practitioners/Researchers Capacity Building Scheme (Training Courses in India 2019) was announced on ICMR and AUSTRC websites with last date of submission of Applications as 30th June, 2019. Call was for seven training courses at 3 ICMR Institutes-NICPR, Noida; NIN, Hyderabad; NIE, Chennai. **Ninety-five** African Health Practitioners/Researchers from **26 African countries** were trained under this call.

Second call under ICMR/AU-STRC Capacity Building Scheme Training Courses in India 2020 was launched with the last date of submission of applications on 29th February 2020. Call was for 8 training courses at 4 ICMR Institutes-NICPR, Noida; NIRT, Chennai; NIRRH, Mumbai and NIV, Pune. Review of Applications is under process in consultation with the ICMR Institutes.

Call For Proposals 2020 Guidelines and Request for Applications for joint health research projects under the MoU is being finalized in consultation with AU-STRC.

Glimpses of International Health Division Activities undertaken during August 2017 to July 2020



Global Alliance for Chronic Diseases (GACD) Board meeting held at ICMR Hqrs., New Delhi on 7th November, 2017



Indo-German Workshop on 'Prophylaxis and Therapy in Antibiotic Resistance' at ICMR Hqrs during 18-19th January, 2018



The duly signed MoU between ICMR and Inserm, France was exchanged during Knowledge Summit of the First Indo-French Forum on 10th March, 2018 at New Delhi



Hon'ble Minister Prakash Javadekar presided during Knowledge Summit of the First Indo-French Forum on 10th March, 2018 at New Delhi



Meeting at AU-STRC, Abuja, Nigeria regarding implementation of the collaborative activities under the India-Africa Health Sciences Platform on 5-6th April, 2018



Indo-French Conference on New Frontiers in Understanding and Treating Liver and Pancreatic Diseases at Institute of Liver & Biliary Sciences (ILBS), New Delhi on 19th January, 2019



Meeting with Mr. Yoshio Yamawaki, Deputy Minister of Education, Culture, Sports, Science and Technology on Medical Research Cooperation between Japan and India at ICMR Hqrs. New Delhi on 28th February, 2019



A panel discussion on Gandhi and International Perspectives at ICMR Hqrs., New Delhi on 26th March, 2019.



Memorandum of Understanding (MoU) on India-Africa Health Sciences Cooperation signed between the Indian Council of Medical Research (ICMR) and African Union at ICMR Hqrs., New Delhi on 27th March, 2019



6th India -Sweden Joint Working Group meeting on S&T at Stockholm, Sweden on 3rd May, 2019



Meeting on elevating National Research for Health Priorities to achieve & effective scaling up SDG3 in Kigali, Rwanda, inaugurated by Hon. Minister of State in charge of Public Health and Primary Health Care, Govt. of Rwanda on 7th and 8th May, 2019



Prof. Baram Bhargava, DG, ICMR, interacted with participants during an event on Opportunities in India at Embassy of India, Washington DC, USA on 18th June, 2019



Indo-US Joint Steering Committee(JSC) meeting on Diabetes at National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK, NIH), USA on 20th June, 2019



Meeting with Dr. Anthony S. Fauci, Director, NIAID at NIH, USA on 20th June, 2019



Visit to Fogarty International Center in NIH, USA on 21st June, 2019



Meeting with Dr. Francis Collins, Director, NIH at NIH, Bethesda, USA on 21st June, 2019



Opening ceremony of 1st course under ICMR-AU STRC Health Practitioners/Researchers Capacity Building Scheme at National Institute of Cancer Prevention and Research (NICPR), NOIDA on 2nd September, 2019



Discussion with Director-General ICMR during the visit of NICPR Course-1 fellows under ICMR-AU STRC Health Practitioners/Researchers Capacity Building Scheme to Indian Council of Medical Research (ICMR) Hqrs., New Delhi on 5th September, 2019



Visit of NICPR Course-3 fellows under ICMR-AU STRC Health Practitioners/ Researchers Capacity Building Scheme with Director-General ICMR at Indian Council of Medical Research (ICMR) Hqrs., New Delhi on 24th October, 2019



Signing of Declaration of Intent between ICMR-NIAID-BMGF in the presence of Mr. Bill Gates, Co-Chair, BMGF at ICMR Hqrs., New Delhi on 17th November, 2019



A delegation led by Prof. Gamal Elsaed, President of Benha University, Egypt visited Indian Council of Medical Research Hqrs., New Delhi to meet with Secy. (DHR) & Director General, ICMR for discussion on exploring the possibility of collaboration between India and Egypt in Health Research on 26th November, 2019



Indo-Japan Workshop for collaboration under Department of Science & Technology (DST) – Japan Agency for Medical Research & Development- (AMED) and Indian Council of Medical Research (ICMR) at ICMR Hqrs., New Delhi on 27th November, 2019



Meeting on India-Sweden Roundtable discussion on Health & Dignified Aging during the visit by Her Majesty Queen Silvia from Sweden at AIIMS, New Delhi on 3rd December, 2019

Section 6

List of International Collaborative Research Projects Approved by HMSC during August, 2017 to July, 2020

S. No.	Details of the Project	
1.	Large bowel microbiome disease network- creation of a proof of principle exemplar in colorectal cancer across three continents	
	<p>Principal Investigator</p> <p>Dr. Ramakrishnan Ayloor Seshadri</p> <p>Professor Cancer Institute (WIA) Foundation, Chennai- 600036 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Academy of Medical Sciences, UK Global Challenges Research Fund Network grant</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 6,71,100</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
	Approved with suggestions.	
2.	Complete pathologic response rectal cancers EYSAC.1 Study (CORSiCA)	
	<p>Principal Investigator</p> <p>Dr. Avanish Parmesh Saklani</p> <p>Associate Professor and Robotic Surgeon Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Agostino Gemelli University, Italy</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
3.	Variation in the number and type of items raised on a single sheet paper version of the Patient Concerns Inventory- Head and Neck across different economies	
	<p>Principal Investigator</p> <p>Dr. Kanchan P Dholam</p> <p>Head, Department of Dental and Prosthetic Surgery Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Aintree Head and Neck Cancer Centre, UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 3 months</p> <p>Subject area Oncology</p>
	Approved for Tata Memorial Hospital, Mumbai only.	
4.	Exploring genetic alteration of cleft lip with/without cleft palate in India using whole exome sequencing of monozygotic phenotypically discordant twins	
	<p>Principal Investigator</p> <p>Dr. Nitika Monga</p> <p>Fellow All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>American Cleft Palate-Craniofacial Association(ACPA),USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 3,20,000</p> <p>Duration 12 months</p> <p>Subject area Genetics</p>

S. No.	Details of the Project	
5.	Palliative Care: Promoting Access & International Cancer Experience in India Collaborative (PC-PAICE India Collaborative)	
	<p>Principal Investigator</p> <p>Dr. Sushma Bhatnagar</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>American Society of Clinical Oncology, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 13,00,000</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
6.	Pilot project to evaluate impact of a patient counseling and rehabilitation programme on treatment outcomes and quality of life in head and neck cancer patients receiving chemoradiotherapy	
	<p>Principal Investigator</p> <p>Dr. Amit Bahl</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>American Society of Clinical Oncology, USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 13,12,500</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
	Approved. In view of the deadline of foreign funding agency, proposal was approved by Chairman, HMSC on 9 th September, 2019. However, the tools as developed should be shared by the PI with MoHFW & ICMR. The Committee endorsed the decision.	

S. No.	Details of the Project	
7.	Association of catastrophic health costs on failure to complete treatment among tuberculosis patients	
	<p>Principal Investigator</p> <p>Dr. Mihir Prafulbhai Rupani</p> <p>Assistant Professor Govt. Medical College, Bhavnagar-364001 Gujarat</p>	<p>Funding/Collaborating Agency</p> <p>American Thoracic Society (ATS), USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 3,17,500</p> <p>Duration 12 months</p> <p>Subject area Tuberculosis</p>
8.	Prevalence of Chronic Obstructive Pulmonary Disease in Chennai, South India	
	<p>Principal Investigator</p> <p>Dr. Prabu Rajkumar</p> <p>Scientist C ICMR-National Institute of Epidemiology (ICMR-NIE), Chennai- 600077 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>American Thoracic Society (ATS), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 3,17,400</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>

S. No.	Details of the Project	
9.	To study the technical feasibility of endoscopic anterior screw fixation for the odontoid fracture	
	<p>Principal Investigator</p> <p>Dr. Shweta Kedia</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Aospine Asia Pacific, Hong Kong</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs.3,91,000</p> <p>Duration 12 months</p> <p>Subject area Basic Sciences</p>
10.	Scapulo humeral reflex : A clinico radiological Co relation for diagnosing high cervical myelopathy :a prospective study	
	<p>Principal Investigator</p> <p>Dr. Shrijith M B</p> <p>Fellow All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>AOspine Asia Pacific, Hong Kong</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 3,65,000</p> <p>Duration 12 Months</p> <p>Subject area Neurosurgery</p>

S. No.	Details of the Project	
11.	Epigenetic insight looking at possible differential miRNA expression among osteoporotic elderly and young patients with hip fractures	
	<p>Principal Investigator</p> <p>Dr. Bhavuk Garg</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>AOTrauma Asia Pacific, Hong Kong</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 2,00,000</p> <p>Duration 12 months</p> <p>Subject area Orthopaedics</p>
12.	To study sulfotransferase activity levels in plucked hair follicles of Androgenic alopecia patients in Indian subcontinent	
	<p>Principal Investigator</p> <p>Dr. Jill Atul Chitalia</p> <p>Fellow in Trichology Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai- 400022 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Applied Biology Inc, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 3 months</p> <p>Subject area Dermatology</p>
	Approved with conditions.	

S. No.	Details of the Project	
13.	International Multi-Center Observational Study of Lung-protective Ventilation in Asian ICUs	
	<p>Principal Investigator</p> <p>Dr. Sheila Myatra</p> <p>Assistant Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Asan Medical Center, Republic of Korea</p> <p>Date of approval December 11, 2019</p> <p>Total budget Nil</p> <p>Duration 6 months</p> <p>Subject area Critical Care</p>
14.	Prediction of response to methotrexate in rheumatoid arthritis: Role of adenosine ectoenzyme network on mononuclear cells	
	<p>Principal Investigator</p> <p>Dr. Ranjan Gupta</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Asia Pacific League of Associations of Rheumatologists (APLAR), Singapore</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 8,60,457</p> <p>Duration 3 months</p> <p>Subject area Immunology</p>
	<p>Approved. In view of the deadline of foreign funding agency, proposal was approved by Chairman, HMSC on 30th October, 2019. The Committee endorsed the decision and agreed to request of PI for continuation of the project till 30th April, 2019 subject to confirmation by the foreign funding agency.</p>	

S. No.	Details of the Project	
15.	India dialysis outcomes registry	
	<p>Principal Investigator</p> <p>Prof. Vivekanand Jha</p> <p>Executive Director The George Institute for Global Health, New Delhi-110025</p>	<p>Funding/Collaborating Agency</p> <p>Baxter Healthcare Corporation, UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 33,00,000</p> <p>Duration 36 months</p> <p>Subject area Nephrology</p>
	Approved with conditions.	
16.	Health systems: timely detection and management of VL cases in the post-elimination phase	
	<p>Principal Investigator</p> <p>Dr. Devadasan Narayanan</p> <p>Director Institute of Public Health, Bangalore- 560070 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 2,04,79,775</p> <p>Duration 18 months</p> <p>Subject area Vector Control</p>
	Approved with suggestions.	

S. No.	Details of the Project	
17.	Evaluation of molecular xenomonitoring against transmission assessment surveys based on antifilarial antibodies and antigeneamia in children and adults to detect filariasis transmission for making decision to stop MDA and for post-MDA surveillance	
	<p>Principal Investigator</p> <p>Dr. Subramanian Swaminathan</p> <p>Scientist F ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,16,63,285</p> <p>Duration 12 months</p> <p>Subject area Filariasis</p>
18.	Innovative approaches to improve epidemiological surveillance of VL and PKDL and accelerate elimination	
	<p>Principal Investigator</p> <p>Dr. Shyam Sundar</p> <p>Professor Banaras Hindu University, Varanasi-221005 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,97,14,900</p> <p>Duration 18 months</p> <p>Subject area Leishmaniasis</p>
	Approved with condition.	

S. No.	Details of the Project	
19.	Transmission: direct measurement of sandfly infection	
	<p>Principal Investigator</p> <p>Dr. Vijay Kumar</p> <p>Scientist E ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs.87,30,800</p> <p>Duration 18 months</p> <p>Subject area Leishmaniasis</p>
	Approved with condition.	
20.	Randomized, Observer-Blind, Placebo-Controlled, Group-Sequential Study to Determine the Immunogenicity and Safety of RSV F Vaccine in Healthy 3rd-trimester Pregnant Women in Preventing RSV in Infants	
	<p>Principal Investigator</p> <p>Dr. Ashish Ramesh Bavdekar</p> <p>Associate Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 27,58,350</p> <p>Duration 48 months</p> <p>Subject area Vaccine Development</p>
	Approved for one out of 4 sites.	

S. No.	Details of the Project	
21.	ASIA Pregnancy Outcomes Study	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 9,10,17,776</p> <p>Duration 36 months</p> <p>Subject area Child Health</p>
22.	Comparative cost-effectiveness analysis of five nurse mentoring models in the three states of India	
	<p>Principal Investigator</p> <p>Dr. Shankar Prinja</p> <p>Associate Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 42,57,708</p> <p>Duration 9 months</p> <p>Subject area Health Systems Research</p>
	Approved with conditions.	

S. No.	Details of the Project	
23.	A pilot study to determine causes of death in under-five children in a tertiary hospital in India using the MITS technique	
	<p>Principal Investigator</p> <p>Dr. Reeta Rasaily</p> <p>Scientist F Indian Council of Medical Research (ICMR) Hqrs, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 7,47,37,744</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>
	Approved. However the Committee suggested that there should be transfer of only representative (about 10%) samples to the foreign lab for QC/QA purposes.	
24.	Strengthening laboratory surveillance for pneumococcal meningitis in India to understand the impact of pneumococcal conjugate vaccine (PCV) rollout	
	<p>Principal Investigator</p> <p>Dr. Nivedita Gupta</p> <p>Scientist E Indian Council of Medical Research (ICMR) Hqrs, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 27,28,80,205</p> <p>Duration 48 months</p> <p>Subject area Vaccine Development</p>
	Approved for 10 out of 25 sites.	

S. No.	Details of the Project	
25.	Demonstrating Non-inferiority of Lower Dose Calcium Supplementation During Pregnancy for Reducing Preeclampsia and Neonatal Outcomes	
	<p>Principal Investigator</p> <p>Dr. Anura Vishwanath Kurpad</p> <p>Professor & Head St John's National Academy of Health Sciences, Bangalore -560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 9,28,45,720</p> <p>Duration 42 months</p> <p>Subject area Maternal Health</p>
26.	Intussusception in Infants: Multisite Hospital Based Surveillance in India Expansion of the intussusceptions surveillance beyond tertiary hospitals to include two districts - Bareilly (Uttar Pradesh) and Srinagar (Jammu & Kashmir) for determining the population based incidence and determine linkage with Rotavirus vaccine	
	<p>Principal Investigator</p> <p>Dr. Manoja Kumar Das</p> <p>Director Projects The INCLEN Trust International, F-1/5, Okhla Industrial Area Phase - 1, New Delhi-110020</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 38,02,400</p> <p>Duration 12 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
27.	Mobile Application For Immunization Data In India Maldi	
	<p>Principal Investigator</p> <p>Dr. Nivedita Gupta</p> <p>Scientist E Indian Council of Medical Research (ICMR) Hqrs, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,22,64,000</p> <p>Duration 18 months</p> <p>Subject area Vaccine Development</p>
28.	Prospective multicentre study to assess the diagnostic accuracy of the Truenat MTB and RIF assays in intended settings of use Phase II	
	<p>Principal Investigator</p> <p>Dr. Gomathi Narayan Sivaramakrishnan</p> <p>Principal Technical Officer ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 6,98,69,050</p> <p>Duration 9 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
29.	Molecular diagnosis of human malaria parasite infection in a population-based sample of dried blood spots from different state of India	
	<p>Principal Investigator</p> <p>Dr. Om P Singh</p> <p>Scientist G ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 12,01,81,000</p> <p>Duration 30 months</p> <p>Subject area Malaria</p>
30.	Impact of measles rubella (MR) vaccination campaign on population immunity in India (IMRVI) study	
	<p>Principal Investigator</p> <p>Dr. Sanjay Mehendale</p> <p>Additional Director General Indian Council of Medical Research (ICMR) Hqrs, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 4,32,01,200</p> <p>Duration 24 months</p> <p>Subject area Virology</p>
	Approved for 6 out of 9 sites.	

S. No.	Details of the Project	
31.	Burden of multidrug-resistant neonatal sepsis in district hospital settings in India	
	<p>Principal Investigator</p> <p>Dr. Ramesh Kumar Agarwal</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 7,50,08,272</p> <p>Duration 30 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with condition.	
32.	LIFE: Low-birthweight Infant Feeding Exploration	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 4,37,91,264</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>
	Approved for 4 out of 5 sites.	

S. No.	Details of the Project	
33.	Designing and implementing a maternal iron deficiency and anemia control strategy in India using a social norms approach and a Self Help Groups (SHGs) platform	
	<p>Principal Investigator</p> <p>Dr. Raghwesh Ranjan</p> <p>Director IPE Global Limited, New Delhi- 110024</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 13,31,22,376</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>
34.	Development of Monitoring and Evaluation protocol for accelerated MDA (Mass Drug Administration) with IDA (Ivermectin, Diethylcarbamazine and Albendazole) for lymphatic filariasis elimination programme	
	<p>Principal Investigator</p> <p>Dr. Jambulingam P</p> <p>Director ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 6,75,46,868</p> <p>Duration 25 months</p> <p>Subject area Filariasis</p>

S. No.	Details of the Project	
35.	Quality food production, distribution and consumption in Bihar	
	<p>Principal Investigator</p> <p>Dr. Tinku Thomas</p> <p>Professor & Head St John's National Academy of Health Sciences, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 4,91,08,000</p> <p>Duration 42 months</p> <p>Subject area Nutrition</p>
36.	Testing the feasibility of integrated approaches to interrupt the transmission of soil-transmitted helminths (STH): The DeWorm3 Project	
	<p>Principal Investigator</p> <p>Dr. Gagandeep Kang</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 22,69,39,115</p> <p>Duration 84 months</p> <p>Subject area Infectious Diseases</p>

S. No.	Details of the Project	
37.	Rotasiil® Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India	
	<p>Principal Investigator</p> <p>Dr. Prasanna Samuel Premkumar</p> <p>Professor & Head Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 9,79,35,120</p> <p>Duration 36 months</p> <p>Subject area Vaccine Development</p>
	Approved with conditions.	
38.	Prospective multicentre study to assess the diagnostic accuracy of the Truenat MTB and RIF assays in intended settings of use – phase II	
	<p>Principal Investigator</p> <p>Dr. Gomathi Narayan Sivaramakrishnan</p> <p>Professor ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 35,97,550</p> <p>Duration 15 months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	

S. No.	Details of the Project	
39.	Understanding Gaps and Needs for Integrated Bundles of Medical Equipment to Improve Decision Making and Neonatal Outcomes in Special Newborn Care Units in India	
	<p>Principal Investigator</p> <p>Dr. Archana Behram Patel</p> <p>Professor & Head Lata Medical Research Foundation, Nagpur- 440020 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,30,11,816</p> <p>Duration 18 months</p> <p>Subject area Child Health</p>
40.	Validity of minimally invasive tissue sampling in determining the cause of death in stillbirths and neonates due to neurological insults in the brain: A study in a tertiary care center in India	
	<p>Principal Investigator</p> <p>Dr. Mary Mathew</p> <p>Professor Manipal Academy of Higher Education, Udupi - 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 34,43,000</p> <p>Duration 12 months</p> <p>Subject area Autopsy</p>
	Approved with suggestions.	

S. No.	Details of the Project	
41.	MITS at community and hospital Facilities: Melghat, India	
	<p>Principal Investigator</p> <p>Dr. Ashish Rambhau Satav</p> <p>Professor & Head Meditation Aids Health Addiction Nutrition, Amrawati- 444702 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 34,70,030</p> <p>Duration 12 months</p> <p>Subject area Child Health</p>
	Approved with suggestions.	
42.	Measurement, Learning and Evaluation of the Technical Support Unit (Phase 2) to the Government of Uttar Pradesh	
	<p>Principal Investigator</p> <p>Mr. Kultar Singh</p> <p>Professor Sambodhi Research & Communications Pvt. Ltd, Sector- 2, Noida- 201301 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 27,86,27,595</p> <p>Duration 24 months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
43.	Mathematical modelling: understanding and controlling the patterns of VL transmission	
	<p>Principal Investigator</p> <p>Dr. Subramanian Swaminathan</p> <p>Scientist-F ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 75,06,973</p> <p>Duration 18 months</p> <p>Subject area Leishmaniasis</p>
	Approved with condition.	
44.	Providing technical support for establishing enhanced surveillance for Acute Encephalitis Syndrome in Bihar	
	<p>Principal Investigator</p> <p>Dr. Vasanthapuram Ravi</p> <p>Senior Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 81,03,390</p> <p>Duration 11 Months</p> <p>Subject area Infectious Disease</p>

S. No.	Details of the Project	
45.	Limiting Adverse Birth Outcomes in Resource-Limited Settings - The LABOR Study	
	<p>Principal Investigator</p> <p>Dr. Mrutyunjaya Basavanneppa Bellad</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 10,43,48,413</p> <p>Duration 36 Months</p> <p>Subject area Maternal Health</p>
46.	Study of nasopharyngeal pneumococcal carriage in Indian children and long term effects of pneumococcal conjugate vaccine on NP carriage	
	<p>Principal Investigator</p> <p>Dr. Ashish Ramesh Bavdekar</p> <p>Associate Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 2,43,33,791</p> <p>Duration 36 Months</p> <p>Subject area Child Health</p>
	Approved with condition.	

S. No.	Details of the Project	
47.	Assessment of visceral leishmaniasis transmission dynamics in villages in India	
	<p>Principal Investigator</p> <p>Dr. Sridhar Srikantiah</p> <p>Chief mentor and Senior Technical Director All India Institute of Medical Sciences (AIIMS), Patna- 801507 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 66,89,000</p> <p>Duration 36 Months</p> <p>Subject area Leishmaniasis</p>
48.	Study of Multiply-Fortified Salt among Women of Reproductive Age in India (Phase I)	
	<p>Principal Investigator</p> <p>Dr. Reena Das</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Bill & Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 2,09,24,144</p> <p>Duration 12 Months</p> <p>Subject area Nutrition</p>
	Approved with suggestion.	

S. No.	Details of the Project	
49.	Pilot Validation Studies of a new sickle cell diagnostic device- Sickle SCAN® under Indian conditions	
	<p>Principal Investigator</p> <p>Dr. Rajasubramaniam Shanmugam</p> <p>Scientist-E National Institute of Research in Tribal Health (ICMR-NIRTH), Jabalpur- 482003 Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Biomedomics Inc., USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs.5,08,000</p> <p>Duration 6 months</p> <p>Subject area Haematology</p>
50.	Point Prevalence Survey of Antimicrobial Consumption and Resistance	
	<p>Principal Investigator</p> <p>Dr. Sanjeev Singh</p> <p>Medical Superintendent Amrita Institute of Medical Sciences and Research Centre, Kochi- 682041 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Biomereuix Sa, France</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 6,12,858</p> <p>Duration 6 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved for 13(out of 24) sites only.	

S. No.	Details of the Project	
51.	Enhancing cobalamin (vitamin B12) bioavailability in culturally appropriate foods in India	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Associate Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Biotechnology and Biological Sciences Research Council (BBSRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 2,92,47,887</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>
	Approved with conditions.	
52.	Tuberculosis: Learning the Impact of Nutrition (TB LION)	
	<p>Principal Investigator</p> <p>Dr. Subitha L</p> <p>Associate Professor Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Boston University School of Medicine - Warren Alpert Foundation, USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 40,33,868</p> <p>Duration 60 months</p> <p>Subject area Nutrition/ Tuberculosis</p>

S. No.	Details of the Project	
53.	Pharmacological and Molecular Approaches to Investigate Selected Drug in Model of Ischemia-Reperfusion Injury in Streptozotocin Induced Diabetic Rats	
	<p>Principal Investigator</p> <p>Prof. Dharamvir Singh Arya</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Bristol-Myers Squibb Company, USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 42,57,000</p> <p>Duration 36 months</p> <p>Subject area Diabetes</p>
54.	PeriOperative ISchemic Evaluation-3 (POISE-3) Trial	
	<p>Principal Investigator</p> <p>Dr. Denis B Xavier</p> <p>Head St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 91,22,256</p> <p>Duration 48 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved for 12 out of 16 participating centres only.	

S. No.	Details of the Project	
55.	Aldosterone blockade for Health Improvement Evaluation in End-stage renal disease (ACHIEVE)	
	<p>Principal Investigator</p> <p>Dr. Denis B Xavier</p> <p>Head St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 89,10,292</p> <p>Duration 60 months</p> <p>Subject area Nephrology</p>
	Approved for 18 study sites only.	
56.	Mood Stabilizer Plus Antidepressant versus Mood Stabilizer Plus Placebo in the Maintenance Treatment of Bipolar Disorder funded by the Canadian Institutes of Health Research	
	<p>Principal Investigator</p> <p>Dr. Janardhan Yc Reddy</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval December 17, 2018</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Psychiatry Diseases</p>
	Approved for extension till December, 2019 without additional budget. Project was earlier approved by HMSC in March, 2015.	

S. No.	Details of the Project	
57.	A phase III multicentre trial of weekly induction chemotherapy followed by standard chemoradiation versus standard chemoradiation alone in patients with locally advanced cervical cancer	
	<p>Principal Investigator</p> <p>Dr. Asima Mukhopadhyay</p> <p>Senior Consultant Tata Medical Center, Kolkata- 700156 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Cancer Research, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 7,20,000</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved with condition.	
58.	Assessing the utility of Coronary artery calcium scoring for predicting risk of coronary artery disease in Indians	
	<p>Principal Investigator</p> <p>Dr. Vimal Raj</p> <p>Consultant Narayana Hrudayalaya Hospitals, Bangalore- 560099 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Carnegie Mellon University, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget 24 months</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases</p>

S. No.	Details of the Project	
59.	Digital pathology based low-cost outcome predictor for ER+ Breast Cancers	
	<p>Principal Investigator</p> <p>Dr. Vani Parmar</p> <p>Professor & Surgeon Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Navi Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Case Western Reserve University (CWRU), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,00,56,000</p> <p>Duration 30 months</p> <p>Subject area Oncology</p>
60.	Validation of the Beta Defensin Index (BDI) as a Biomarker for Oral Cancer India	
	<p>Principal Investigator</p> <p>Dr. Deepa Nair</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Case Western Reserve University (CWRU), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 9,18,000</p> <p>Duration 6 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
61.	Frequency of different subtypes of cervical dystonia: A French-Danish-German-Indian-Polish observational study	
	<p>Principal Investigator</p> <p>Dr. Sanjay Pandey</p> <p>Professor G B Pant Hospital, New Delhi-110002</p>	<p>Funding/Collaborating Agency</p> <p>Center for Neurological Movement Disorders, Germany</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Neurology</p>
62.	Antimicrobial resistance in a community and hospitals with specific reference to extended-spectrum cephalosporin, carbapenem and colistin resistance among Enterobacteriaceae	
	<p>Principal Investigator</p> <p>Dr. C P Girish Kumar</p> <p>Scientist E ICMR-National Institute of Epidemiology (ICMR-NIE), Chennai- 600077 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 66,48,490</p> <p>Duration 12 Months</p> <p>Subject area Antimicrobial Resistance</p>

S. No.	Details of the Project	
63.	Strengthening/promoting evidence-based advocacy for influenza prevention and control in India	
	<p>Principal Investigator</p> <p>Dr. Anand Krishnan</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 4,06,00,000</p> <p>Duration 60 months</p> <p>Subject area Influenza</p>
64.	Periconceptional Surveillance for Prevention of Anemia and Birth Defects in India	
	<p>Principal Investigator</p> <p>Dr. Wesley Bonam</p> <p>Director Arogyavarum Medical Centre (AMC), Madanapalle-517330 Andhra Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 2,30,16,756</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>

S. No.	Details of the Project	
65.	Healthcare-Associated Sepsis in the Neonatal Intensive Care Unit in Pune, India	
	<p>Principal Investigator</p> <p>Dr. Uday Rajput</p> <p>Associate Professor B J Medical College, Pune- 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 39,53,880</p> <p>Duration 12 months</p> <p>Subject area Infectious Diseases</p>
66.	Evaluating the Source of Neonatal Bloodstream Infections due to Classically Hospital Acquired Pathogens in the Neonatal Intensive Care Unit in Pune, India.	
	<p>Principal Investigator</p> <p>Dr. Shilpa Nandkumar Naik</p> <p>Associate Professor B J Medical College, Pune- 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 73,93,182</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
67.	Biomonitoring of blood trans-fatty acid levels in Indians:baseline data	
	<p>Principal Investigator</p> <p>Mr. Thingnganing Longvah</p> <p>Scientist G ICMR-National Institute of Nutrition (ICMR-NIN), Jamai-Osmania, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,79,66,910</p> <p>Duration 36 months</p> <p>Subject area Nutrition</p>
	Approved with 10% transfer of samples to the foreign lab as confirmed by Co-PI.	
68.	Survey of Antimicrobial Resistance in Bloodstream Infections (SAR-BSI) Protocol	
	<p>Principal Investigator</p> <p>Dr. Balaji Veeraraghavan</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 25,96,000</p> <p>Duration 6 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with condition.	

S. No.	Details of the Project	
69.	A Randomized Trial of Quadruple Fortified Salt for Anemia and Birth Defects Prevention in Southern India	
	<p>Principal Investigator</p> <p>Dr. Wesley Bonam</p> <p>Principal Investigator Arogyavaram Medical Centre, Chittoor- 517330 Andhra Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), Atlanta, USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs.3,54,01,685</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>
	Approved with condition.	
70.	Multi-Institutional Oral Cavity Collaborative (MOCCC)	
	<p>Principal Investigator</p> <p>Dr. Sarbani Ghosh Laskar</p> <p>Professor and Radiation Oncologist Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Cleveland Clinic-Taussig Cancer Institute, USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Nil</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
71.	A New Method for Cervical Cancer Screening in Low- and Middle-Income Countries (LMIC): Training and Technical Validation of Automated Visual Evaluation (AVE) in India	
	<p>Principal Investigator</p> <p>Dr. Rajesh Dikshit</p> <p>Director Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Clinton Health Access Initiative (CHAI)/UNITAID), USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 8,91,95,570</p> <p>Duration 12 Months</p> <p>Subject area Reproductive Health</p>
	Approved with conditions.	
72.	Dietary intake, sarcopenic obesity, and other treatment-related outcomes in Indian children with acute lymphoblastic leukemia	
	<p>Principal Investigator</p> <p>Dr. Maya Prasad</p> <p>Assistant Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Columbia University, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 11,80,000</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>
	Approved for the Pilot phase (2 years) only. The Extended phase (5 years) should be initiated after due submission of findings of Pilot phase to ICMR/HMSC.	

S. No.	Details of the Project	
73.	Exploring the genomic and environmental basis of childhood stunting in India	
	<p>Principal Investigator</p> <p>Dr. Srilakshmi M Raj</p> <p>Visiting Scientist Centre for Human Genetics, Bangalore- 560100 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Cornell University, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 15,16,193</p> <p>Duration 36 Months</p> <p>Subject area Genomics</p>
74.	Boost to Brittle Bones (BOOST2B)	
	<p>Principal Investigator</p> <p>Prof. Vrisha Madhuri</p> <p>Professor & Head Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>DBT-VINNOVA Collaboration, Sweden</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 5,87,56,600</p> <p>Duration 48 months</p> <p>Subject area Stem Cell Research</p>
	Approved with condition.	

S. No.	Details of the Project	
75.	Trial of alternative insecticides for sandfly (<i>Phlebotomus argentipes</i>) control by IRS in India	
	<p>Principal Investigator</p> <p>Dr. Vijay Kumar</p> <p>Scientist E ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Department for International Development (DFID), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 54,72,500</p> <p>Duration 15 months</p> <p>Subject area Vector Control</p>
76.	Drug sensitivity testing for anti-leishmanial drugs being used in India under national elimination programme for visceral leishmaniasis (VL) and strengthen RMRI as a National centre for anti-VL drug sensitivity testing	
	<p>Principal Investigator</p> <p>Dr. Shubhankar Kumar Singh</p> <p>Scientist B ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Department for International Development (DFID), UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs.75,21,000</p> <p>Duration 16 months</p> <p>Subject area Leishmaniasis</p>

S. No.	Details of the Project	
77.	Human B cell responses and receptor repertoire in dengue patients from India	
	<p>Principal Investigator</p> <p>Dr. Anmol Chandele</p> <p>Assistant Professor International Centre for Genetic Engineering and Biotechnology, New Delhi- 110067</p>	<p>Funding/Collaborating Agency</p> <p>Department of Biotechnology under Indo-US Initiative (NIH-USA)</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,49,23,440</p> <p>Duration 24 months</p> <p>Subject area Dengue</p>
78.	Whats Missing and Why: Tuberculosis Treatment and Prevention in Karnataka, India	
	<p>Principal Investigator</p> <p>Dr. Archana Siddaiah</p> <p>Assistant Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Department of Health & Human Services, USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Nil</p> <p>Duration 8 months</p> <p>Subject area HIV/ Tuberculosis</p>

S. No.	Details of the Project	
79.	Traffic-related exposures in India and Norway (TRESIN) Investigation of workers' exposure to traffic-related air pollutants and the health effects of exposure in Bangalore, Southern India and in Oslo, Norway	
	<p>Principal Investigator</p> <p>Dr. Raghavan S</p> <p>Scientist C ICMR-National Institute of Occupational Health (ICMR-NIOH), Ahmedabad-380016 Gujarat</p>	<p>Funding/Collaborating Agency</p> <p>Department of Science & Technology (DST), India</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs.39,90,000</p> <p>Duration 36 months</p> <p>Subject area Environmental Health</p>
	Approved with condition.	
80.	Comparative analysis of the VIR genes in complicated and un-complicated vivax malaria	
	<p>Principal Investigator</p> <p>Dr. Vineeta Singh</p> <p>Scientist D ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>Department of Science & Technology (DST), India</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 29,46,000</p> <p>Duration 24 months</p> <p>Subject area Malaria</p>

S. No.	Details of the Project	
81.	Facilitation of Research on Neonatal Sepsis and Antimicrobial Resistance in LMICs: A collaboration with GARDP/DNDi	
	<p>Principal Investigator</p> <p>Dr. Ramesh Kumar Agarwal</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Drugs for Neglected Diseases Initiative (DNDi), Switzerland</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 19,54,000</p> <p>Duration 12 months</p> <p>Subject area Child Health</p>
82.	NeoAMR Global Neonatal Sepsis Observational Study (NeoOBS): a prospective cohort study of sepsis in hospitalized neonates	
	<p>Principal Investigator</p> <p>Dr. Ramesh Kumar Agarwal</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Drugs for Neglected Diseases Initiative (DNDi), Switzerland</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 2,46,22,914</p> <p>Duration 18 months</p> <p>Subject area Child Health</p>
	Approved with conditions.	

S. No.	Details of the Project	
83.	India-Japan collaborative research aspiring for conquering sickle cell disease by elucidating the developmental mechanism	
	<p>Principal Investigator</p> <p>Dr. Manisha Rajan Madkaikar</p> <p>Director ICMR-National Institute of Immunohaematology (ICMR-NIIH), Mumbai-400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>DST - JSPS</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 10,44,000</p> <p>Duration 24 months</p> <p>Subject area Basic Sciences</p>
84.	Molecular epidemiological study on drug resistance of diarrheagenic gram-negative bacteria in Chennai, India	
	<p>Principal Investigator</p> <p>Dr. Balasubramanian Ganesh</p> <p>Scientist D ICMR-National Institute of Epidemiology (ICMR-NIE), Chennai- 600077 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>DST - JSPS</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 2,27,600</p> <p>Duration 22 months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with condition.	

S. No.	Details of the Project	
85.	A global Familial Hypercholesterolemia (FH) data Sharing Collaboration with European Atherosclerosis Society Familial Hypercholesterolemia Studies Collaboration (EAS FHSC) Registry	
	<p>Principal Investigator</p> <p>Dr. Tester Framroze Ashavaid</p> <p>Consultant Biochemist P D Hinduja National Hospital & Medical Research Centre, Mumbai- 400016 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>EAS-FHSC, Sweden</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 1,69,440</p> <p>Duration 10 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with condition.	
86.	Evaluation of the Extension for Community Healthcare Outcomes (ECHO) Clinics for Drug Resistant Tuberculosis / HIV-TB management in India	
	<p>Principal Investigator</p> <p>Dr. Srikanth Prasad Tripathy</p> <p>Scientist G ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>ECHO Institute University of New Mexico's Health Science Center, USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 2,24,27,389</p> <p>Duration 12 months</p> <p>Subject area Health Systems Research</p>
	Approved with condition.	

S. No.	Details of the Project	
87.	A Cluster randomised trial in Madhya Pradesh India: Community health promotion and medical provision and impact on neonates (CHAMPION 2); and support to rural Indias public education system and impact on numeracy and literacy scores (STRIPES 2)	
	<p>Principal Investigator</p> <p>Dr. Padmanabh M Reddy</p> <p>CEO NICE Foundation, Hyderabad- 500057 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Effective Intervention, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 33,51,93,856</p> <p>Duration 36 months</p> <p>Subject area Child Health</p>
	Approved with condition.	
88.	A pilot evaluation of prognostic molecular and serum biomarkers of disease recurrence after chemoradiation in patients with locally advanced cervical cancer from EMBRACE study group (BIO-EMBRACE-1)	
	<p>Principal Investigator</p> <p>Dr. Supriya Jayant Sastri</p> <p>Assistant Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>EMBRACE Study Group</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 23,60,400</p> <p>Duration 36 Months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
89.	The Association Between Female Autonomy and Marital Satisfaction Among Slum-Dwelling Men and Women in Pune, India	
	<p>Principal Investigator</p> <p>Dr. Seema Sahay</p> <p>Scientist F ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Emory University, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with suggestions.	
90.	Food Choice in Indian Households in the Context of the Nutrition Transition	
	<p>Principal Investigator</p> <p>Dr. Shailaja S Patil</p> <p>Professor and Head BLDEs Shri B M Patil Medical College Hospital and Research Centre, Bijapur-586103 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Emory University, USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 63,67,991</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>

S. No.	Details of the Project	
91.	SaniPath Typhoid - Assessment of Typhoid Exposure Pathways in Low-Income Urban Settings	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director and Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Emory University, USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 2,37,03,860</p> <p>Duration 24 months</p> <p>Subject area Infectious Diseases</p>
92.	Human monoclonals to COVID-19	
	<p>Principal Investigator</p> <p>Dr. Anmol Chandele</p> <p>Group Leader International Centre for Genetic Engineering and Biotechnology, New Delhi- 110067</p>	<p>Funding/Collaborating Agency</p> <p>Emory Vaccine Center, USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 1,05,60,000</p> <p>Duration 12 Months</p> <p>Subject area COVID 19</p>
	Approved . Due to the urgency to start the work, the Chairman, HMSC granted expedited approval for the study on 10 th June, 2020.The Committee endorsed the decision.	

S. No.	Details of the Project	
93.	Prevention of maternal and neonatal death/infections with a single oral dose of azithromycin in women in labor (in low- and middle-income countries): a randomized controlled trial: The A PLUS Study	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Eunice Kennedy Shriver National Institute of Child Health and Human Development and The Bill & Melinda Gates Foundation</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 6,78,62,432</p> <p>Duration 36 months</p> <p>Subject area Maternal/Child Health</p>
94.	Prospective study on serum antibodies against target antigens of bullous autoimmune diseases and genetic susceptibility	
	<p>Principal Investigator</p> <p>Dr. Sanjeev Handa</p> <p>Professor and Head Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>EUROIMMUN AG, Germany</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 6,32,420</p> <p>Duration 24 months</p> <p>Subject area Dermatology</p>
	Approved with suggestions.	

S. No.	Details of the Project	
95.	Identification of immunological factors predicting clinical relapse in pemphigus	
	<p>Principal Investigator</p> <p>Dr. Dipankar De</p> <p>Assistant Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>European Academy of Dermatology and Venereology, Belgium</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 39,00,000</p> <p>Duration 24 months</p> <p>Subject area Dermatology</p>
96.	Epidemiology and determinant of outcomes of hospital acquired Blood Stream Infections in the intensive care. (EUROBACT II)	
	<p>Principal Investigator</p> <p>Dr. Carol Shayne D'silva</p> <p>Assistant Professor St John's National Academy of Health Sciences, Bangalore-560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>European Society of Critical Care Medicine, Belgium</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 3 Months</p> <p>Subject area Infectious Diseases</p>
	Approved with suggestion.	

S. No.	Details of the Project	
97.	Worldwide Assessment of Separation of Patients From ventilatory assistance - WEAN SAFE	
	<p>Principal Investigator</p> <p>Dr. Radhakrishnan Muthuchellappan</p> <p>Additional Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>European Society of Intensive Care Medicine (ESICM), Belgium</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 1 month</p> <p>Subject area Respiratory Health</p>
98.	Epidemiology and determinants of outcomes of Hospital Acquired Blood Stream Infections (HA-BSI) in the Intensive Care (EUROBACT II Study)	
	<p>Principal Investigator</p> <p>Dr. Mohan Gurjar</p> <p>Professor Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow- 226014 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>European Society of Intensive Care Medicine (ESICM), Belgium</p> <p>Date of approval December 11, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Bacteriology</p>
	Approved with suggestions.	

S. No.	Details of the Project	
99.	A learning health system for adherence to secondary prevention in cardiovascular disease in Kerala using informatics and non-physician health workers: a 1-year prospective study	
	<p>Principal Investigator</p> <p>Dr. Jaideep Chanayil Menon</p> <p>Cardiologist Amrita Institute of Medical Sciences and Research Centre, Kochi- 682041 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>European Union</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 56,80,000</p> <p>Duration 12 months</p> <p>Subject area m-Health/Chronic Diseases</p>
100.	The Social Anthropology of Rabies Epidemiology and Elimination	
	<p>Principal Investigator</p> <p>Dr. Prashanth Nuggehalli Srinivas</p> <p>Assistant Director Institute of Public Health, Bangalore- 560070 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>European Union</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 10,63,500</p> <p>Duration 36 months</p> <p>Subject area Infectious Diseases</p>
	Approved with suggestion.	

S. No.	Details of the Project	
101.	Investigating the Design and Use of Diagnostic Devices in Global Health	
	<p>Principal Investigator</p> <p>Dr. Nanda Kishore Kannuri</p> <p>Additional Professor Indian Institute of Public Health Hyderabad-500033 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>European Union</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 64,08,192</p> <p>Duration 36 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with suggestion.	
102.	Determination of breakpoints of IKZF1 (IKAROS) deletions in B cell acute lymphoblastic leukemia	
	<p>Principal Investigator</p> <p>Dr. Sanjeev Kumar Gupta</p> <p>Associate Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>FAPERJ - Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do Rio de Janeiro, Brazil</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs.6,00,000</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
103.	Multicentre Clinical Trial to Assess the Performance of Culture-free, End-to-end Targeted NGS (tNGS) Solutions for Diagnosis of Drug Resistant TB (DR-TB)	
	<p>Principal Investigator</p> <p>Dr. Camilla Sunil Rodrigues</p> <p>Consultant P D Hinduja National Hospital & Medical Research Centre, Mumbai- 400016 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 1,24,35,850</p> <p>Duration 12 Months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	
104.	Evaluation of the clinical performance of the STANDARD Q Malaria/CRP Duo Test (SD Biosensor, South Korea) for the diagnosis of malaria and the detection of C-reactive protein in fingerprick blood of febrile patients	
	<p>Principal Investigator</p> <p>Dr. Anupkumar Ramesh Rao Anvikar</p> <p>Scientist F ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 78,47,752</p> <p>Duration 5 months</p> <p>Subject area Parasitic Infections</p>
	Approved with suggestions.	

S. No.	Details of the Project	
105.	Multicentre trial to assess the performance of centralized assay solutions for detection of MTB and resistance to Rifampin and Isoniazid Evaluation of Centralised TB Assay Solutions (Phase 2) Protocol Version Number: v3.0	
	<p>Principal Investigator</p> <p>Dr. Sanghamitra Pati</p> <p>Director Research Centre (ICMR-RMRC), Bhubaneswar- 751023 Orissa</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 30,87,630</p> <p>Duration 18 months</p> <p>Subject area Tuberculosis</p>
106.	Phase-II Multicentric Clinical Study to Assess the Performance of the Xpert MTB/XDR Assay for INH and Second-Line Resistance Detection – Xpert MTB/XDR Clinical Evaluation	
	<p>Principal Investigator</p> <p>Dr. Vithal Prasad Myneedu</p> <p>Microbiologist National Institute of Tuberculosis and Respiratory Diseases, New Delhi- 110030</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 36,52,550</p> <p>Duration 9 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
107.	Multicentre trial to assess the performance of centralized assay solutions for detection of MTB and resistance to Rifampicin and Isoniazid	
	<p>Principal Investigator</p> <p>Dr. Priya Rajendran</p> <p>Scientist B ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 37,14,150</p> <p>Duration 18 months</p> <p>Subject area Tuberculosis</p>
108.	Impact of improved diagnostic tools, practices, training and communication on acute fever case management and antibiotic prescriptions for children, adolescents and adults presenting at outpatient facilities at Jan Swasthya Sahyog, Ganiyari, Chhattisgarh, India	
	<p>Principal Investigator</p> <p>Dr. Gajanan Baburao Phutke</p> <p>Junior Consultant Jan Swasthya Sahyog, Ganiyari, Bilaspur- 495112 Chhattishgarh</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 8,243,844</p> <p>Duration 18 months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with suggestions.	

S. No.	Details of the Project	
109.	Impact of improved diagnostic tools, practices, training and communication on acute fever case management and antibiotic prescriptions for children, adolescents and adults presenting at outpatient facilities in ICMR-National Institute of Cholera and Enteric Diseases, Kolkata, India	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director and Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 82,90,205</p> <p>Duration 18 months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with suggestions.	
110.	Impact of improved diagnostic tools, practices, training and communication on acute fever case management and antibiotic prescriptions for children, adolescents and adults presenting at outpatient facilities of R D Gardi Medical College, Ujjain, India	
	<p>Principal Investigator</p> <p>Dr. Ashish Pathak</p> <p>Professor R.D. Gardi Medical College, Ujjain- 456001 Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 82,36,088</p> <p>Duration 18 months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with conditions.	

S. No.	Details of the Project	
111.	Impact of improved diagnostic tools, practices, training and communication on acute fever case management and antibiotic prescriptions for children, adolescents and adults presenting at outpatient facilities in Civil Hospital, Manimajra, Chandigarh, North India	
	<p>Principal Investigator</p> <p>Dr. Neelam Taneja</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 82,44,895</p> <p>Duration 18 months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with conditions.	
112.	Utility of multiplexed rapid fever panel kit among hospitalized febrile patients in India and its impact on antimicrobial use and diagnosis	
	<p>Principal Investigator</p> <p>Dr. Pradeepy Michael Dcosta</p> <p>HOD K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Foundation for Innovative New Diagnostics (FIND), Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 50,80,511</p> <p>Duration 18 months</p> <p>Subject area Antimicrobial Resistance</p>

S. No.	Details of the Project	
113.	Clinical Outcome Measures in Friedrich's Ataxia	
	<p>Principal Investigator</p> <p>Dr. Achal Kumar Srivastava</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Friedreich's Ataxia Research Alliance (FARA), USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 59,76,000</p> <p>Duration 12 Months</p> <p>Subject area Neurology</p>
	Approved with conditions.	
114.	ENT COBRA: Standardized Data Collection (SDC) for head neck cancer patients treated with brachytherapy	
	<p>Principal Investigator</p> <p>Dr. Ashwini Budrukkar</p> <p>Professor & Radiation Oncologist Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>GEC-ESTRO, Belgium</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>
	Approved with suggestions.	

S. No.	Details of the Project	
115.	Identifying Novel Prognostic Biomarkers for Treatment Response in Gynaecological cancers using Patient Derived Cell lines (PDCs)/Organoids (PDOs)	
	<p>Principal Investigator</p> <p>Dr. Asima Mukhopadhyay</p> <p>Senior Consultant Tata Medical Center, Kolkata- 700156 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Genome Institute of Singapore, Singapore</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 1,75,38,000</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
116.	A Long-Term Extension Study to Evaluate the Safety of Filgotinib in Subjects with Crohns Disease	
	<p>Principal Investigator</p> <p>Dr. Vineet Ahuja</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000 per subject</p> <p>Duration 34 months</p> <p>Subject area Gastroenterology</p>
	Approved with conditions.	

S. No.	Details of the Project	
117.	A Long-Term Extension Study to Evaluate the Safety of Filgotinib in Subjects with Ulcerative Colitis	
	<p>Principal Investigator</p> <p>Dr. Vineet Ahuja</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000 per subject</p> <p>Duration 36 months</p> <p>Subject area Gastroenterology</p>
	Approved with conditions.	
118.	Combined Phase 2b/3, Double-Blind, Randomized, Placebo-Controlled Studies Evaluating the Efficacy and Safety of Filgotinib in the Induction and Maintenance of Remission in Subjects with Moderately to severe active ulcerative colitis	
	<p>Principal Investigator</p> <p>Dr. Vineet Ahuja</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000 per subject</p> <p>Duration 32 months</p> <p>Subject area Gastroenterology</p>
	Approved with conditions.	

S. No.	Details of the Project	
119.	Combined Phase 3, Double-blind, Randomized, Placebo-Controlled Studies Evaluating the Efficacy and Safety of Filgotinib in the Induction and Maintenance of Remission in Subjects with Moderately to severely active crohn's disease	
	<p>Principal Investigator</p> <p>Dr. Vineet Ahuja</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000 per subject</p> <p>Duration 48 months</p> <p>Subject area Gastroenterology</p>
	Approved with conditions.	
120.	A Randomized, Double-Blind Evaluation of the Pharmacokinetics, Safety, and Antiviral Efficacy of Tenofovir Alafenamide (TAF) in Adolescents with Chronic Hepatitis B Virus Infection	
	<p>Principal Investigator</p> <p>Dr. Shalimar</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 75,21,000</p> <p>Duration 60 months</p> <p>Subject area Gastroenterology</p>
	Approved with conditions.	

S. No.	Details of the Project	
121.	A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis (NASH)	
	<p>Principal Investigator</p> <p>Dr. Shalimar</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000 per subject</p> <p>Duration 56 months</p> <p>Subject area m-Health/Chronic Diseases</p>
	Approved for AIIMS, New Delhi centre only.	
122.	A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Nonalcoholic Steatohepatitis (NASH) and Bridging (F3) Fibrosis	
	<p>Principal Investigator</p> <p>Dr. Shalimar</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 10,00,000</p> <p>Duration 56 months</p> <p>Subject area m-Health/Chronic Diseases</p>
	Approved for AIIMS, New Delhi centre only.	

S. No.	Details of the Project	
123.	Association of Lipid mediators of inflammation with TB treatment outcomes	
	<p>Principal Investigator</p> <p>Dr. Padma Chandrasekaran</p> <p>Scientist E ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 33,82,410</p> <p>Duration 24 months</p> <p>Subject area Tuberculosis</p>
124.	Cryptococcal Infections in Non HIV Infected Hosts: A Prospective International Study (MSG-11)	
	<p>Principal Investigator</p> <p>Dr. Arunaloke Chakrabarti</p> <p>Professor and Head Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 2,42,480</p> <p>Duration 24 months</p> <p>Subject area Mycology</p>

S. No.	Details of the Project	
125.	A Randomized, Double-blind, Placebo-controlled Phase 2 Study to Evaluate the Testicular Safety of Filgotinib in Adult Males with Moderately to Severely Active Ulcerative Colitis	
	<p>Principal Investigator</p> <p>Dr. Saurabh Kedia</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 48 months</p> <p>Subject area Gastroenterology</p>
	Approved only for AIIMS, New Delhi.	
126.	A randomized, double-blind, placebo and active controlled, multicenter, phase 3 study to access the efficacy and safety of Filgotinib administered for 52 weeks in combination with Methotrexate (MTX) to subjects with moderately to Severely Active Rheumatoid Arthritis, Who have an Inadequate Response to Methotrexate	
	<p>Principal Investigator</p> <p>Dr. Uma Kumar</p> <p>Professor & Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 7,00,000</p> <p>Duration 15 months</p> <p>Subject area Orthopedics</p>
	Approved the project for 3 sites.	

S. No.	Details of the Project	
127.	A randomized, Double-blind, Placebo and Active controlled, Multicenter, Phase 3 Study to Access the Efficacy and Safety of Filgotinib Administered for 52 Weeks Alone and in Combination with Methotrexate (MTX) to Subjects with Moderately to Severely Active Rheumatoid Arthritis, Who Are Naive to MTX Therapy	
	<p>Principal Investigator</p> <p>Dr. Uma Kumar</p> <p>Professor & Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Gilead Sciences, Inc., USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 10,00,000</p> <p>Duration 52 months</p> <p>Subject area Orthopedics</p>
	Approved the project for 4 sites.	
128.	SMART Health Extend: Implementation of the SMART health program in Indonesia and North India	
	<p>Principal Investigator</p> <p>Dr. Varun Arora</p> <p>Assistant Professor Pt. B D Sharma PGIMS Rohtak-124001 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Give2Asia through a donation by Pfizer Foundation</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 47,69,037</p> <p>Duration 18 months</p> <p>Subject area Health System Research</p>

S. No.	Details of the Project	
129.	A prospective epidemiological study of women as of 24 weeks of pregnancy, and their infants up to 1 year of age, to describe maternal, fetal and neonatal outcomes, pregnancy-related and neonatal/infant events of interest and the occurrence in neonates/ infants of respiratory syncytial virus lower respiratory tract infections (RSV LRTI)	
	<p>Principal Investigator</p> <p>Dr. Shashi Kant</p> <p>Professor in charge All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Glaxo Smith Kline</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 3,18,92,000</p> <p>Duration 30 months</p> <p>Subject area Respiratory Health</p>
130.	Oral Cancer Screening: Development of research partnership and feasibility study	
	<p>Principal Investigator</p> <p>Dr. Roopa Hariprasad</p> <p>Scientist E ICMR-National Institute of Cancer Prevention and Research (ICMR-NICPR), Noida- 201301 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 22,84,076</p> <p>Duration 6 months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
131.	3D Printed Breathing-Powered Prosthetic Arm for Children	
	<p>Principal Investigator</p> <p>Mr. Soikat Ghosh Moulic</p> <p>Orthotist Mobility India-Rehabilitation, Research & Training Centre, Bangalore-560078, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 20,00,000</p> <p>Duration 36 Months</p> <p>Subject area Rehabilitation</p>
132.	The Global Challenges Research Fund (GCRF) One Health Poultry Hub	
	<p>Principal Investigator</p> <p>Dr. Rajib Dasgupta</p> <p>Professor Jawaharlal Nehru University (JNU), New Delhi-110067</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 6,84,82,560</p> <p>Duration 60 Months</p> <p>Subject area One Health</p>
	Approved with conditions.	

S. No.	Details of the Project	
133.	Global challenges research fund - Stunting hub	
	<p>Principal Investigator</p> <p>Dr. Bharati Kulkarni</p> <p>Scientist E ICMR-National Institute of Nutrition (ICMR-NIN), Jamai-Osmania, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs.1,76,58,83,021</p> <p>Duration 60 months</p> <p>Subject area Child Health</p>
	Approved with condition.	
134.	SENSE-COG Asia: An open label feasibility study of a supportive hearing intervention in dementia (ASHID) in South Asia	
	<p>Principal Investigator</p> <p>Dr. Palanimuthu Thangaraju Sivakumar</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 12,34,752</p> <p>Duration 6 Months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
135.	Network for the development of participatory methods to investigate current and alternative livelihoods with bidi workers in South India	
	<p>Principal Investigator</p> <p>Dr. Sushil Mathew John</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 8,09,140</p> <p>Duration 5 months</p> <p>Subject area Health Systems Research</p>
	Approved with suggestions.	
136.	Sit Down and Play	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 4,39,560</p> <p>Duration 4 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
137.	Production, validation and use of leishmanin skin test for detection of Leishmania exposure and immunity	
	<p>Principal Investigator</p> <p>Dr. Pradeep Das</p> <p>Director ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Global Health Innovative Technology Fund (GHIT), Japan</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 1,50,00,000</p> <p>Duration 24 Months</p> <p>Subject area Leishmaniasis</p>
	Approved with condition.	
138.	To develop a culturally sensitive measure to screen for depression in teenagers in India	
	<p>Principal Investigator</p> <p>Dr. Ashok MV</p> <p>Professor & Head St. John's National Academy of Health Sciences, Bangalore-560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Global Health Research Innovation Centre, Miami University, USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 2,68,000</p> <p>Duration 9 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
139.	Diagnostic evaluation of plasma GFAP for the rapid differentiation between ischemic stroke and intracerebral hemorrhage	
	<p>Principal Investigator</p> <p>Dr. Jeyaraj Durai Pandian</p> <p>Professor and Head Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>Goethe University, Germany</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 15,50,000</p> <p>Duration 6 months</p> <p>Subject area Neurology</p>
	Approved with condition.	
140.	Validating Deep Learning based Diabetic Retinopathy Diagnostic Model among Patients with Young onset diabetes	
	<p>Principal Investigator</p> <p>Dr. Nikhil Tandon</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Google LLC, USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 11,07,700</p> <p>Duration 12 Months</p> <p>Subject area Ophthalmology</p>

S. No.	Details of the Project	
141.	Promoting Family Integrated Early Child Development (during 1000 days) in Urban Slums (Fine Child 3-3-1000)	
	<p>Principal Investigator</p> <p>Dr. Manoja Kumar Das</p> <p>Director Projects The INCLEN Trust International F-1/5, Okhla Industrial Area Phase - 1, New Delhi- 110020</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 13,11,048</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>
	Approved with suggestions.	
142.	Effectiveness of maternal nutrition and parenting program on cognitive development of children from rural India at 2 years of age: A Cluster RCT	
	<p>Principal Investigator</p> <p>Dr. Syed Zahiruddin Quazi</p> <p>Director Datta Meghe Institute of Medical Sciences, Nagpur- 440022 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 85,16,,000</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>

S. No.	Details of the Project	
143.	A prospective randomized study to evaluate effect of nano-encapsulated micronutrient fortified body oils for infant massage on developmental and nutritional outcomes	
	<p>Principal Investigator</p> <p>Dr. Ashish Ramesh Bavdekar</p> <p>Associate Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 1,28,52,000</p> <p>Duration 24 months</p> <p>Subject area Nutrition</p>
144.	Flipping to empower adolescents for sexual and reproductive health	
	<p>Principal Investigator</p> <p>Dr. Pratibha Singh</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), Jodhpur-342005 Rajasthan</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 51,60,000</p> <p>Duration 18 months</p> <p>Subject area Reproductive Health</p>

S. No.	Details of the Project	
145.	Scaling Early Childhood development at Anganwadi centers in India- Transition to Scale	
	<p>Principal Investigator</p> <p>Dr. Abhay Motiramji Gaidhane</p> <p>Director Datta Meghe Institute of Medical Sciences, Nagpur- 440022 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 3,50,00,000</p> <p>Duration 36 months</p> <p>Subject area Child Health</p>
146.	Progression and Cardiovascular Outcomes of Chronic Kidney Disease in the Community: A Pharmacoepidemiologic Perspective	
	<p>Principal Investigator</p> <p>Mrs. Nisha Abdul Khader</p> <p>Research Scholar Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Griffith University, Australia</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 23,96,000</p> <p>Duration 36 months</p> <p>Subject area Nephrology</p>

S. No.	Details of the Project	
147.	Role of Gut Microbiome In Central Nervous System Autoimmune Disorders – A Comparative Study of Patients Of Indian Origin With White Americans	
	<p>Principal Investigator</p> <p>Dr. Lekha Pandit</p> <p>Professor K S Hegde Medical Academy, Mangalore-575018 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Harvard Medical School, USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 6 months</p> <p>Subject area Neurology</p>
	Approved with condition.	
148.	Task-based credentialing for medical officers in spinal anaesthesia: an innovative approach to the specialist workforce crisis in rural Indian hospitals	
	<p>Principal Investigator</p> <p>Dr. Nandakumar Menon</p> <p>Director ASHWINI, Gudalur Adivasi Hospital, Nilgiris- 643212 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Harvard Medical School, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 47,90,500</p> <p>Duration 25 months</p> <p>Subject area Trauma</p>

S. No.	Details of the Project	
149.	Case control study of vitamin D status and adult multidrug-resistant pulmonary tuberculosis in Maharashtra, India	
	<p>Principal Investigator</p> <p>Dr. Nerges Furdoon Mistry</p> <p>Director and Trustee Foundation for Medical Research, Mumbai- 400018 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Harvard Medical School, USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 64,86,130</p> <p>Duration 12 months</p> <p>Subject area Tuberculosis</p>
150.	A policy landscape and stakeholder analysis of a financial risk protection initiative in Odisha	
	<p>Principal Investigator</p> <p>Dr. Bhuputra Panda</p> <p>Associate Professor Indian Institute of Public Health, Bhubaneswar-751013 Orissa</p>	<p>Funding/Collaborating Agency</p> <p>Harvard School of Public Health, Boston, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 8 months</p> <p>Subject area Health Systems Research</p>

S. No.	Details of the Project	
151.	Assessment of environmental health impacts in industrial clusters across India	
	<p>Principal Investigator</p> <p>Dr. Poornima Prabhakaran</p> <p>Associate Professor Public Health Foundation of India, New Delhi- 110017</p>	<p>Funding/Collaborating Agency</p> <p>Health Care Without Harm (HCWH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 94,86,240</p> <p>Duration 12 months</p> <p>Subject area Environmental Health</p>
	Approved for four out of five sites.	
152.	Pilot and Validation Studies of a new malaria and sickle cell diagnostic device	
	<p>Principal Investigator</p> <p>Dr. Aparup Das</p> <p>Scientist G & Director ICMR-Regional Medical Research Centre for Tribal (ICMR-NIRTH), Jabalpur- 482003 Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Hemex Health, Inc, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 44,39,000</p> <p>Duration 12 months</p> <p>Subject area Malaria</p>
	Approved with suggestions.	

S. No.	Details of the Project	
153.	The predictive value of tumour pattern of invasion for intra-oral carcinoma	
	<p>Principal Investigator</p> <p>Dr. Paromita Roy</p> <p>Senior Consultant Tata Medical Center, Kolkata- 700156 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Icahn School of Medicine at Mount Sinai, USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Nil</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
154.	Estimation of Vibrio cholerae O1 infection in India: a step towards identification of cholera hotspots	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director and Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>ICDDR,B, Bangladesh and Johns Hopkins University, USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 3 Months</p> <p>Subject area Diarrhoeal Diseases</p>
	Approved with condition.	

S. No.	Details of the Project	
155.	Inhibition of clinically relevant carbapenemases (ICARBA)	
	<p>Principal Investigator</p> <p>Dr. Ranjana Pathania</p> <p>Associate Professor Indian Institute of Technology, Roorkee-247667 Uttarakhand</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 97,62,440</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>
156.	Structure Based Target Exploration for the Discovery of New Leads for Antibiotics	
	<p>Principal Investigator</p> <p>Dr. Prathama S Mainkar</p> <p>Senior Principal Scientist Indian Institute of Chemical Technology, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 92,08,000</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>

S. No.	Details of the Project	
157.	AMR-Diag: A novel diagnostic tool for Sequence based Prediction of Antimicrobial Resistance	
	<p>Principal Investigator</p> <p>Dr. Punit Kaur</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 4,17,88,200</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with suggestions.	
158.	Drug targeting for improved treatment of multi-drug resistant tuberculosis (MDR TB)	
	<p>Principal Investigator</p> <p>Dr. Amit Misra</p> <p>Senior Principal Scientist CSIR-Central Drug Research Institute, Lucknow-226031 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 78,80,428</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>

S. No.	Details of the Project	
159.	Anti-microbial peptides (bacteriocins) as alternative to conventional antimicrobial agents - a novel interventional study for treating infected plantar ulcers in leprosy and diabetes	
	<p>Principal Investigator</p> <p>Dr. Aparna Srikantam</p> <p>Head-Research Blue Peter Research Centre (LEPRA Society), Cherlapally-501301 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 80,00,780</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with condition.	
160.	Born in the twilight of antibiotics: Implications of antibiotic use to the preterm infant respiratory microbiome and resistome development	
	<p>Principal Investigator</p> <p>Prof. Sushma Nangia</p> <p>Professor Lady Hardinge Medical College, New Delhi-110001</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR- RCN, Norway MoU</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs.11,30,000</p> <p>Duration 36 months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with condition.	

S. No.	Details of the Project	
161.	Determination of biofilm pharmacodynamics of newly formulated, nano-conjugated antibiotics to optimize treatment and dosing of chronic, antibiotic-resistant biofilm infections	
	<p>Principal Investigator</p> <p>Dr. Gopal Chandra Kundu</p> <p>Scientist G & Director National Centre for Cell Science, Pune- 411007 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-BMBF, Germany MoU</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 81, 32,400</p> <p>Duration 30 months</p> <p>Subject area Antimicrobial Resistance</p>
162.	Tracking antimicrobial resistance and efficiency of malaria diagnostics in tribal areas of India to achieve elimination goals	
	<p>Principal Investigator</p> <p>Dr. Praveen Kumar Bharti</p> <p>Scientist E National Institute of Research in Tribal Health (ICMR-NIRTH), Jabalpur- 482003 Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-BMBF, Germany MoU</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,36,75,952</p> <p>Duration 36 months</p> <p>Subject area Antimicrobial Resistance</p>

S. No.	Details of the Project	
163.	Target identification and hit-to-lead optimization of SRI-12742 targeting MDR A. baumannii	
	<p>Principal Investigator</p> <p>Dr. Sidharth Chopra</p> <p>Senior Scientist Central Drug Research Institute, Lucknow- 226031 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-BMBF, Germany MoU</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 64, 00,000</p> <p>Duration 36 months</p> <p>Subject area Antimicrobial Resistance</p>
164.	Novel Efflux Pump Inhibitors for Restoring E. coli Sensitivity for Antibiotics (NEPIRESA)	
	<p>Principal Investigator</p> <p>Dr. Parthasarathi Ramakrishnan</p> <p>Principal Scientist Indian Institute of Toxicology Research, Lucknow-226001 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-BMBF, Germany MoU</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 37,44,500</p> <p>Duration 36 months</p> <p>Subject area Antimicrobial Resistance</p>

S. No.	Details of the Project	
165.	Design of novel bactericidal molecules targeting a conserved bacterial transcription regulator	
	<p>Principal Investigator</p> <p>Dr. Ranjan Sen</p> <p>Staff Scientist-VII(G) Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad- 500039 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-BMBF, Germany MoU</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 3,170,000</p> <p>Duration 36 months</p> <p>Subject area Basic Sciences</p>
166.	Using Peer Support in Developing Empowering Mental Health Services (UPSIDES)	
	<p>Principal Investigator</p> <p>Miss Jasmine Kalha</p> <p>Research Fellow Indian Law Society (ILS), Pune- 411004 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>ICMR-GACD Mental Health Programme</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 79,78,257</p> <p>Duration 60 months</p> <p>Subject area Mental Health</p>
	Approved with condition.	

S. No.	Details of the Project	
167.	Cognitive Stimulation Therapy (CST) for dementia: International implementation in Brazil, India and Tanzania (CST-International)	
	<p>Principal Investigator</p> <p>Dr. Thara Rangaswamy</p> <p>Director Schizophrenia Research Foundation, Chennai- 600102 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>ICMR-GACD Mental Health Programme</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,02,40,632</p> <p>Duration 36 months</p> <p>Subject area Mental Health</p>
168.	Laboratory studies on Wolbachia-based vector control strategy for control of dengue/chikungunya transmitted by Aedes aegypti	
	<p>Principal Investigator</p> <p>Dr. Jambulingam P</p> <p>Director ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>ICMR-Monash University , Australia MoU</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 4,90,00,000</p> <p>Duration 24 months</p> <p>Subject area Vector Control</p>

S. No.	Details of the Project	
169.	Longitudinal community evaluation of survivorship, biological efficacy, fabric integrity and community acceptability of Dawa Plus 4.0 in comparison with Olyset Plus Net as positive control in India	
	<p>Principal Investigator</p> <p>Dr. Sreehari Uragayala</p> <p>Scientist C ICMR-National Institute of Malaria Research (ICMR-NIMR), Bangalore Unit, Kannamangala, Bangalore- 562110 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Ifakara Health Institute (IHI), Tanzania</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 52,55,240</p> <p>Duration 45 months</p> <p>Subject area Vector Control</p>
	Approved with suggestions.	
170.	Longitudinal community evaluation of survivorship, biological efficacy, fabric integrity and community acceptability of three long-lasting insecticidal nets, Veeralin LN®, MiraNet and PandaNet in comparison with Magnet LN® and Permanet 2.0 as positive controls in India	
	<p>Principal Investigator</p> <p>Dr. Sreehari Uragayala</p> <p>Scientist C ICMR-National Institute of Malaria Research (ICMR-NIMR), Bangalore Unit, Kannamangala, Bangalore- 562110 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Ifakara Health Institute (IHI), Tanzania</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 1,56,87,476</p> <p>Duration 45 months</p> <p>Subject area Vector Control</p>
	Approved with suggestions.	

S. No.	Details of the Project	
171.	Burden of Obstructive Lung Disease Follow-up in low/middle income countries (LMICs) (BOLD II)	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Officer In Charge K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Imperial College, London, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 13,56,964</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>
172.	Genetic basis of early-onset systemic lupus erythematosus in India and Italy	
	<p>Principal Investigator</p> <p>Dr. Amit Rawat</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Indo-Italian S & T Cooperation (to be funded by DST)</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 44,44,600</p> <p>Duration 36 months</p> <p>Subject area Genetics</p>

S. No.	Details of the Project	
173.	Comparision of Treatment Adherence and Toxicities of HIV Positive Patients Vs. HIV Negative Cervical Cancer Patients in India	
	<p>Principal Investigator</p> <p>Dr. Lavanya Gurram</p> <p>Assistant Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 85,96,284</p> <p>Duration 36 months</p> <p>Subject area HIV/AIDS/ STD</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	
174.	Treatment Failure and Drug Resistance in HIV-1 subtype C Infected Individuals starting Dolutegravir- based First-Line Therapy in India	
	<p>Principal Investigator</p> <p>Dr. Sathasivam Sivamalar</p> <p>Assistant Professor YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 85,40,779</p> <p>Duration 36 months</p> <p>Subject area HIV/AIDS/ STD</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	

S. No.	Details of the Project	
175.	Ocular Biological senescence evaluation & science study (OBSESS)	
	<p>Principal Investigator</p> <p>Dr. Nivedita Chatterjee</p> <p>Associate Professor Vision Research Foundation, Chennai- 600006 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 82,88,400</p> <p>Duration 36 months</p> <p>Subject area HIV/AIDS/ STD</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	
176.	The effect of HIV infection on molecular diagnosis of drug-resistant tuberculosis	
	<p>Principal Investigator</p> <p>Dr. Shrinivasa B M</p> <p>Scientist B ICMR-National Institute for Research in Tuberculosis (ICMR- NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 85,96,284</p> <p>Duration 24 months</p> <p>Subject area HIV/ Tuberculosis</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	

S. No.	Details of the Project	
177.	Role of Toll-like Receptors on HIV Latency: An approach to 'Reactivate and Eliminate' the latently infected cells	
	<p>Principal Investigator</p> <p>Dr. Vandana Saxena</p> <p>Scientist C ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G⁷-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 85,96,284</p> <p>Duration 36 months</p> <p>Subject area HIV/AIDS/ STD</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	
178.	Immune and microbiome correlates of TB reactivation in PLHIV and a NHP model	
	<p>Principal Investigator</p> <p>Dr. Nupur Mukherjee</p> <p>Scientist B National Institute of Research in Reproductive Health (ICMR-NIRRH), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 85,84,259</p> <p>Duration 36 months</p> <p>Subject area HIV/ Tuberculosis</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	

S. No.	Details of the Project	
179.	Memory like NK cells as biomarkers for risk of activation of latent TB in HIV+ individuals	
	<p>Principal Investigator</p> <p>Miss Kamakshi Prudhula Devalraju</p> <p>Research Coordinator Bhagwan Mahavir Medical Research Centre, Hyderabad- 500 004 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Joint Statement on Prevention of STDs & HIV/AIDS</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 77,99,090</p> <p>Duration 36 months</p> <p>Subject area HIV/ Tuberculosis</p>
	<p>Approved . However, Division of ECD may examine the issues related to transfer of biological material and submission of IEC to ensure necessary compliance by PI before initiation of the study. Due to the deadline of foreign funding agency to release the funds, the Chairman, HMSC approved the study on 15th June, 2019. The Committee endorsed the decision.</p>	
180.	Indo-US Joint Network Centre for Excellence in Celiac Disease	
	<p>Principal Investigator</p> <p>Prof. Govind K Makharia</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Indo-US Science & Technology Forum</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 43,15,100</p> <p>Duration 24 months</p> <p>Subject area Gastroenterology</p>
	<p>Approved with suggestions.</p>	

S. No.	Details of the Project	
181.	India State-level Disease Burden Initiative	
	<p>Principal Investigator</p> <p>Prof. Lalit Dandona</p> <p>Distinguished Research Professor Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Institute for Health Metrics and Evaluation, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 34 months</p> <p>Subject area Disease Burden</p>
182.	To elucidate geographical differences in the incidence of gallbladder cancer by identifying etiologically distinct types of gallbladder cancer through the study of mutational signature	
	<p>Principal Investigator</p> <p>Dr. Rajesh Dikshit</p> <p>Director CCE Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Agency for Research on Cancer (IARC), France</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 3,04,28,250</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
183.	Participation in the IASLC Lung Cancer Staging Project	
	<p>Principal Investigator</p> <p>Dr. Navneet Singh</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>International Association for Study of Lung Cancer (IASLC), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Nil</p> <p>Duration 84 months</p> <p>Subject area Oncology</p>
	Approved with suggestions.	
184.	Use of PET-CT with Gallium-68 labelled prostate Specific Membrane Antigen in the Diagnosis and Follow-up of patients with Prostate Cancer	
	<p>Principal Investigator</p> <p>Dr. Archi Agrawal</p> <p>Associate Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 14,30,126</p> <p>Duration 48 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
185.	A Situation Analysis of National Radiotherapy Resources and Patterns of Care for Patients with Nasopharyngeal Carcinoma (NPC) in Low-Middle Income Countries (LMIC): Can Enhancing the quality of radiotherapy planning improve outcomes	
	<p>Principal Investigator</p> <p>Dr. Sarbani Gosh Laskar</p> <p>Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 3,50,000</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
	Approved with suggestion.	
186.	Randomized study of stereotactic body radiation therapy (SBRT) versus transarterial chemoembolization (TACE) in hepatocellular carcinoma (IAEA study)	
	<p>Principal Investigator</p> <p>Dr. Supriya Jayant Sastri</p> <p>Associate Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 9,40,000</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
187.	Accurate estimation of changes in body composition, energy balance and nutritional status of Indian children with Acute Lymphoblastic Leukaemia (ALL) during cancer treatment	
	<p>Principal Investigator</p> <p>Dr. Tony D S Raj</p> <p>Dean St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria through DAE</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 42,06,700</p> <p>Duration 60 Months</p> <p>Subject area Nutrition</p>
188.	The International Diffuse Intrinsic Pontine Glioma (DIPG) Registry and Repository	
	<p>Principal Investigator</p> <p>Dr. Nishanth Sadashiva</p> <p>Assistant Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Diffuse Intrinsic Pontine Glioma (DIPG) Collaborative</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 10,00,000</p> <p>Duration 60 months</p> <p>Subject area Neurosurgery</p>
	Approved with condition.	

S. No.	Details of the Project	
189.	IHPBA Global Gall Bladder Cancer Registry to collate data on epidemiology, treatment patterns and outcomes	
	<p>Principal Investigator</p> <p>Dr. Bhawna Sirohi</p> <p>Director Devki Devi Foundation, Max Super Speciality Hospital, New Delhi-110017</p>	<p>Funding/Collaborating Agency</p> <p>International Hepato-Pancreato-Biliary Association(IHPBA), USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>
	Approved for Devki Devi Foundation, Max Super Specialty Hospital, New Delhi only.	
190.	ISHLT Mechanically Assisted Circulatory Support Registry (IMACS)	
	<p>Principal Investigator</p> <p>Dr. Julius Punnen</p> <p>Junior Consultant Narayana Hrudayalaya Hospitals, Bangalore- 560099 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Society for Heart & Lung Transplantation (ISHLT), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 60 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with condition.	

S. No.	Details of the Project	
191.	May Measurement Month 2018	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>International Society of Hypertension, UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Cardiology</p>
	Approved with condition.	
192.	May Measurement Month	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>International Society of Hypertension, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 3 months</p> <p>Subject area Cardiology</p>
	Approved with condition.	

S. No.	Details of the Project	
193.	May Measurement Month 2020 (MMM20)	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>International Society of Hypertension, UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 12 Months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with condition.	
194.	Multi-omic characterization of oral biofilm on novel silver-nanocoated and control smooth titanium implant- abutment surfaces	
	<p>Principal Investigator</p> <p>Dr. Aneesha Acharya</p> <p>Reader DY Patil Dental College & Hospital, Mumbai - 400706 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Team for Implant Dentistry, Switzerland</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,50,000</p> <p>Duration 24 months</p> <p>Subject area Oral Health</p>
	Approved with suggestions.	

S. No.	Details of the Project	
195.	MASkEd-unconTrolled hypERTension management based on office BP or on out-of-office (ambulatory) BP measurement (MASTER Study)	
	<p>Principal Investigator</p> <p>Dr. Kushal Madan</p> <p>Cardiac Rehabilitation Consultant Sir Ganga Ram Hospital, New Delhi -110060</p>	<p>Funding/Collaborating Agency</p> <p>Istituto Auxologico Italiano IRCCS, Italy</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 9,32,000</p> <p>Duration 60 Months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with condition.	
196.	Project to introduce improved tests for monitoring of response to anti-tuberculosis treatment in HIV/TB co-infected patients	
	<p>Principal Investigator</p> <p>Dr. Ashwini Vinod Shete</p> <p>Scientist D ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Japan International Cooperation Agency (JICA), Japan</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 22,08,415</p> <p>Duration 24 Months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with conditions.	

S. No.	Details of the Project	
197.	Usefulness of the gallbladder cancer-specific proteins detected from the cancer tissue as biomarker for the early detection	
	<p>Principal Investigator</p> <p>Prof. Vinay K Kapoor</p> <p>Professor Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow- 226014 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Japan Society for the Promotion of Science (JSPS)</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>
	Approved with suggestions	
198.	Role of matricellular proteins in monitoring anti-tuberculosis treatment	
	<p>Principal Investigator</p> <p>Dr. Ashwini Vinod Shete</p> <p>Scientist D ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Japan Society for the Promotion of Science (JSPS)</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 12,82,155</p> <p>Duration 24 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	

S. No.	Details of the Project	
199.	Identification of monogenic defects in Indian children with early-onset autoimmune cytopenia	
	<p>Principal Investigator</p> <p>Dr. Vignesh P</p> <p>Assistant Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Jeffrey Modell Foundation, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 34,19, 610</p> <p>Duration 24 Months</p> <p>Subject area Immunology</p>
200.	To elucidate the role of Unphosphorylated-STAT3: Unphosphorylated-NF,κB (USTAT3: UNFKB) complex activation pathway in the face of STAT-3 deficiency in Hyper IgE Syndrome	
	<p>Principal Investigator</p> <p>Dr. Biman Saikia</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Jeffrey Modell Foundation, USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 31,56,530</p> <p>Duration 24 months</p> <p>Subject area Immunology</p>

S. No.	Details of the Project	
201.	Immune monitoring based prediction of Cytomegalovirus infection or disease in kidney and bonemarrow transplant recipients	
	<p>Principal Investigator</p> <p>Dr. Rahul Dhodapkar</p> <p>Associate Professor Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>JIPMER Alumni Association of North America (JAANA), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 7,16,000</p> <p>Duration 12 months</p> <p>Subject area Virology</p>
202.	Inception cohort for juvenile systemic sclerosis	
	<p>Principal Investigator</p> <p>Dr. Sumidha Mittal</p> <p>Consultant Sir Ganga Ram Hospital, New Delhi- 110060</p>	<p>Funding/Collaborating Agency</p> <p>Joachim Herz Stiftung, Germany</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 5,00,000</p> <p>Duration 120 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
203.	India Reverses Diabetes 2	
	<p>Principal Investigator</p> <p>Dr. Chetan Chidanand Purad</p> <p>Professor Piramal Swasthya Management and Research Institute, Hyderabad-500073 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Joep Lange Institute, The Netherlands</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 6 Months</p> <p>Subject area m-Health/Chronic diseases</p>
	Approved with suggestion.	
204.	Uttar Pradesh Health Systems Strengthening Support (UP HSSS): Quantitative Research on Public Health Competencies and Data Use for Decision Making among Public Sector Health Workers	
	<p>Principal Investigator</p> <p>Dr. Arpita Chakraborty</p> <p>Professor Oxford Policy Management Private Limited, New Delhi-110049</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 1,04,07,541</p> <p>Duration 12 Months</p> <p>Subject area Health Systems Research</p>
	Approved with suggestion.	

S. No.	Details of the Project	
205.	Missed Opportunities for Vaccine Equity (MOVE): Increasing childhood vaccination through hospital-based catch-up immunization	
	<p>Principal Investigator</p> <p>Dr. Joseph L Mathew</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 16,80,000</p> <p>Duration 14 Months</p> <p>Subject area Child Health</p>
206.	Evaluating Pneumococcal Conjugate Vaccine (PCV) Impact on Pneumonia and Pneumococcal carriage Outcomes in India in Children 1-35 Months in India - Pneumonia REsearch and VAccine Impact League (PREVAIL) Project	
	<p>Principal Investigator</p> <p>Dr. Vikas Manchanda</p> <p>Associate Professor Maulana Azad Medical College, New Delhi-110002</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 10,69,50,000</p> <p>Duration 32 Months</p> <p>Subject area Pneumonia</p>
	Approved with suggestion.	

S. No.	Details of the Project	
207.	Improving Childhood Immunizations with Cellular Technology	
	<p>Principal Investigator</p> <p>Dr. Rajeev Seth</p> <p>Senior Consultant Pediatrician Bal Umang Drishya Sanstha (BUDS), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 14,30,000</p> <p>Duration 24 months</p> <p>Subject area Vaccine Development</p>
208.	Indian Network for Streptococcus pneumoniae and PCV Impact Research (INSPIRE): Evaluating PCV impact on invasive pneumococcal disease, pneumonia, pneumococcal carriage, and health economic outcomes in India	
	<p>Principal Investigator</p> <p>Prof. Narendra Kumar Arora</p> <p>Executive Director The INCLEN Trust International, New Delhi-110020</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 20,81,23,616</p> <p>Duration 48 months</p> <p>Subject area Pneumonia</p>
	Approved for 5 out of 9 sites.	

S. No.	Details of the Project	
209.	Impact of measles rubella (MR) vaccination campaign on population immunity in India	
	<p>Principal Investigator</p> <p>Dr. Nivedita Gupta</p> <p>Scientist E Indian Council of Medical Research (ICMR) Hqrs, New Delhi - 110029</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 6,75,28,956</p> <p>Duration 36 months</p> <p>Subject area Vaccine Development</p>
	Approved for extension up to December, 2020 with additional budget for expanded scope of work, addition of two study sites and change of PI. The project was earlier approved during the HMSC meeting held on 30 th August 2017.	
210.	Uttar Pradesh Health Systems Strengthening Support (UP HSSS)	
	<p>Principal Investigator</p> <p>Dr. Pradeep Krishnatray</p> <p>Director Center for Communication and Change - India, New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 21,25,062</p> <p>Duration 12 months</p> <p>Subject area Health Systems Research</p>
	Approved with suggestions.	

S. No.	Details of the Project	
211.	A multicenter, prospective, longitudinal registry of patients with prostate cancer in Asia	
	<p>Principal Investigator</p> <p>Dr. Amit Joshi</p> <p>Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Johnson & Johnson Pvt. Ltd., Singapore</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 37,47,790</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved for Tata Memorial Hospital, Mumbai only.	
212.	A multicenter, prospective, longitudinal registry of patients with prostate cancer in Asia	
	<p>Principal Investigator</p> <p>Prof. Amlesh Seth</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Johnson & Johnson Pvt. Ltd., Singapore</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 14,59,640</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved for AIIMS New Delhi, site only.	

S. No.	Details of the Project	
213.	Assessment of health related quality of life and symptoms in patients treated for differentiated thyroid cancer	
	<p>Principal Investigator</p> <p>Dr. D. Kadambari</p> <p>Professor Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Karolinska University Hospital, Stockholm, Sweden</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 10,10,496</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved only for JIPMER, Puducherry.	
214.	Determination of role of Osteopontin and galectin-9 as biomarkers in active pulmonary Tuberculosis: A pilot study	
	<p>Principal Investigator</p> <p>Dr. Ashwini Vinod Shete</p> <p>Scientist C ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Kibi International University, Japan</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,50,000</p> <p>Duration 6 months</p> <p>Subject area Tuberculosis</p>
	Approved with suggestions.	

S. No.	Details of the Project	
215.	Prospective study to identify biomarkers of chemoresistance to neoadjuvant chemotherapy and discover targetable pathways in triple-negative breast cancer	
	<p>Principal Investigator</p> <p>Dr. Nita S Nair</p> <p>Associate Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>King's College London, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 44,27,007</p> <p>Duration 12 months</p> <p>Subject area Genomics</p>
216.	The cost of providing tuberculosis services in India from a health systems perspective	
	<p>Principal Investigator</p> <p>Dr. Susmita Chatterjee</p> <p>Senior Health Economist George Institute for Global Health, New Delhi- 110025</p>	<p>Funding/Collaborating Agency</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 70,15,895</p> <p>Duration 21 months</p> <p>Subject area Tuberculosis</p>
	Approved with suggestions.	

S. No.	Details of the Project	
217.	Skin microdialysis for monitoring the disease profile in patients with Post Kala-azar Dermal Leishmaniasis (PKDL) in Kolkata, India	
	<p>Principal Investigator</p> <p>Dr. Bibhuti Saha</p> <p>Professor Calcutta School of Tropical Medicine, Kolkata- 700073 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval September 11, 2019</p> <p>Total budget Nil</p> <p>Duration 6 months</p> <p>Subject area Leishmaniasis</p>
218.	Global Retinoblastoma Presentation 2017	
	<p>Principal Investigator</p> <p>Dr. Tushar S Vora</p> <p>Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
219.	Survivors of Group B Streptococcus invasive disease in infancy: long-term health and socioeconomic outcomes	
	<p>Principal Investigator</p> <p>Dr. Sridhar Santhanam</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 40,06,715</p> <p>Duration 12 months</p> <p>Subject area Child Health</p>
220.	Rapid diagnosis of TB from sputum DNA using Nanopore sequencing platform - A Pilot Study	
	<p>Principal Investigator</p> <p>Dr. Nerges Furdoon Mistry</p> <p>Director Foundation for Medical Research, Mumbai- 400018 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Longitude Discovery Award, UK</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 10,25,000</p> <p>Duration 9 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
221.	PRactice of VENTilation in critically ill patients in MiddleIncome Countries (PRoVENTiMIC) an international multicenter service review focusing on ICUs in Asia	
	<p>Principal Investigator</p> <p>Dr. Bhuvana Krishna</p> <p>Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Mahidol University, Thailand</p> <p>Date of approval June 26, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Palliative Care</p>
222.	Assay development for Plasmodium vivax infected hepatocytes in micropatterned Co-culture (MPCC) plates	
	<p>Principal Investigator</p> <p>Dr. Susanta Kumar Ghosh</p> <p>Scientist G ICMR-National Institute of Malaria Research (ICMR-NIMR), Bangalore Unit, Kannamangala, Banglore-562110 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Malaria Medicine Venture, Geneva</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs.35,00,000</p> <p>Duration 12 months</p> <p>Subject area Malaria</p>
	Approved for extension (for one year) with additional cost of Rs.35.00 lakhs. (Project was earlier approved in HMSC meeting held in December, 2014).	

S. No.	Details of the Project	
223.	Impact of supplementation of Biscuits made of Red Palm Oil (RPO) on Vitamin A status of School Age Children: Double-blind Clinical study	
	<p>Principal Investigator</p> <p>Dr. Arlappa N</p> <p>Scientist E ICMR-National Institute of Nutrition (ICMR-NIN), Jamai-Osmania, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Malaysian Palm Oil Board, Malaysia</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 5,77,04,045</p> <p>Duration 30 months</p> <p>Subject area Child Health</p>
224.	Understanding tobacco use & cessation among HIV-care individuals in Chennai, India	
	<p>Principal Investigator</p> <p>Dr. Poongulali Selvamuthu</p> <p>Scientist YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Massachusetts General Hospital, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 23,54,580</p> <p>Duration 12 months</p> <p>Subject area m-Health</p>

S. No.	Details of the Project	
225.	Ageing and Health in India: A Longitudinal Study and an Experimental Platform	
	<p>Principal Investigator</p> <p>Dr. Ashwini Vinod Shete</p> <p>Scientist C ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Massachusetts General Hospital, USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 7,95,87,680</p> <p>Duration 89 months</p> <p>Subject area Geriatrics</p>
226.	Efficacy of Postpartum Angiotensin Converting Enzyme Inhibitor in improving cardiovascular function and reducing cardiovascular risk in women with Early onset Pre-eclampsia: A Randomized, Double-blind, Placebo-Controlled Pilot Study-[i-PACE Trial]	
	<p>Principal Investigator</p> <p>Dr. Anish Keepanasseril</p> <p>Additional Professor Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Maternal Fetal Medicine Unit, St. George Hospital, London, UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 4,50,000</p> <p>Duration 18 months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
227.	Towards a rapid biomarker-based diagnostic test for active tuberculosis	
	<p>Principal Investigator</p> <p>Dr. Kavitha Saravu</p> <p>Professor and Head Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>McGill University, Canada</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 26,83,401</p> <p>Duration 22 Months</p> <p>Subject area Tuberculosis</p>
228.	Understanding the dynamics of inter-sectoral policy implementation: An examination of policy networks and practices in tobacco control in India	
	<p>Principal Investigator</p> <p>Dr. Upendra Bhojani</p> <p>Assistant Director & Faculty Institute of Public Health, Bangalore- 560070 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Mcgill University, Canada</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 15 months</p> <p>Subject area Tobacco Control</p>
	Approved for extension (for one year) with additional cost of Rs.35.00 lakhs. (Project was earlier approved in HMSC meeting held in December, 2014).	

S. No.	Details of the Project	
229.	OSCAIL: Organized Stroke Care Across Income Levels	
	<p>Principal Investigator</p> <p>Dr. Jeyaraj Durai Pandian</p> <p>Professor Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>McMaster University, Canada</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 11,83,642</p> <p>Duration 14 months</p> <p>Subject area Neurology</p>
	Approved for one out of 3 sites.	
230.	Intercostobrachial Nerve Sparing in breast cancer surgery to reduce Persistent post-surgical pain: A Randomized Controlled Pilot Trial (INSPIRE)	
	<p>Principal Investigator</p> <p>Dr. Akshita Singh</p> <p>Consultant Narayana Hrudayalaya Hospitals, Bangalore- 560099 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>McMaster University, Canada</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 4,05,000</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
231.	Implementation of the endTB (Evaluating Newly approved Drugs for multidrug-resistant TB, Study number: NCT02754765) AND endTB-Q (Evaluating Newly Approved Drugs in Combination Regimens for Multidrug-Resistant TB with Fluoroquinolone Resistance, Study number: NCT03896685) clinical trials at two Sites in India, located in Pune and Mumbai	
	<p>Principal Investigator</p> <p>Dr. Samiran Panda</p> <p>Professor ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Médecins Sans Frontières (MSF), France</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 45,45,000</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	
232.	Psychological, social and biological predictors of child mental health and development: shared and distinctive risk and protective factors in UK & India	
	<p>Principal Investigator</p> <p>Prof. Prabha Satish Chandra</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 7,47,84,359</p> <p>Duration 60 Months</p> <p>Subject area Social & Behavioural Research</p>

S. No.	Details of the Project	
233.	International Study Of Discrimination and Stigma Outcomes(INDIGO) formative study	
	<p>Principal Investigator</p> <p>Dr. Pallab K Maulik</p> <p>Deputy Director George Institute for Global Health, New Delhi- 110025</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 77,50,844</p> <p>Duration 24 Months</p> <p>Subject area Mental Health</p>
234.	A randomized trial of 6 months intensified anti-tuberculosis and 2 months anti-inflammatory for HIV-infected and HIV-uninfected African and Asian children with tuberculous meningitis	
	<p>Principal Investigator</p> <p>Dr Varinder Singh</p> <p>Director Professor Lady Hardinge Medical College, New Delhi-110001</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 2,90,70,270</p> <p>Duration 48 Months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	

S. No.	Details of the Project	
235.	Scalable Transdiagnostic Early Assessment of Mental Health (STREAM)	
	<p>Principal Investigator</p> <p>Dr. Gauri Divan</p> <p>Director Sangath, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 9,06,93,300</p> <p>Duration 60 Months</p> <p>Subject area Child Health</p>
	Approved with suggestion.	
236.	Evaluating the implementation of the Peer Educator (PE) Intervention for improving adolescent health in Indias National Adolescent Health Programme (i-SAATHIYA)	
	<p>Principal Investigator</p> <p>Dr. Monika Arora</p> <p>Director & Adjunct Associate Professor Public Health Foundation of India, New Delhi- 110017</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 4,51,00,000</p> <p>Duration 39 months</p> <p>Subject area Adolescent Health</p>

S. No.	Details of the Project	
237.	Optimizing forest benefits whilst minimizing impacts of emerging zoonotic diseases: co-developing an interdisciplinary tool for forests in India	
	<p>Principal Investigator</p> <p>Dr. Sugeerappa Laxmanappa Hoti</p> <p>Scientist G ICMR-Regional Medical Research Centre (ICMR-RMRC), Belgaum -590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 5,57,00,000</p> <p>Duration 24 months</p> <p>Subject area Zoonotic</p>
238.	Prevention of Lifestyle Related Disorders in Schoolchildren: Follow up of SYM--KEM Study of 2005 -2011	
	<p>Principal Investigator</p> <p>Dr. Sheila Ashok Bhave</p> <p>Professor & Consultant, Pediatric Researcher K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 14,17,850</p> <p>Duration 10 months</p> <p>Subject area Life Style Diseases</p>

S. No.	Details of the Project	
239.	Capacity building for Tobacco Control in Low and Middle Income Countries	
	<p>Principal Investigator</p> <p>Dr. Muralidhar Madhav Kulkarni</p> <p>Associate Professor Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 88,79,420</p> <p>Duration 51 months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with suggestions.	
240.	MICA BRAINTOOLS: Optimising neurodevelopmental outcomes for global health	
	<p>Principal Investigator</p> <p>Dr. Gauri Divan</p> <p>Developmental Pediatrician Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs.18,67,580</p> <p>Duration 12 months</p> <p>Subject area Child Health</p>
	Approved with condition.	

S. No.	Details of the Project	
241.	Collaborative network for adolescent nutrition and health in sub-Saharan Africa and India: Transforming adolescent lives through nutrition	
	<p>Principal Investigator</p> <p>Dr. Kalyanaraman Kumaran</p> <p>Unit Head and Senior Scientist CSI Holdsworth Memorial Hospital, Mysore - 570017 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 50,22,311</p> <p>Duration 12 months</p> <p>Subject area Nutrition</p>
	Approved with suggestions.	
242.	Translating research into clinical and community practice: a multi-centre statistical and economical modelling of risk-based stratified and personalised screening for complications of diabetes in India (SMART India)	
	<p>Principal Investigator</p> <p>Dr. Rajiv Raman</p> <p>Senior Consultant Sankara Nethralaya - Vision Research Foundation, Chennai- 600006 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 9,50,82,220</p> <p>Duration 36 months</p> <p>Subject area Ophthalmology</p>

S. No.	Details of the Project	
243.	Communication-centred Parent-mediated treatment for Autism Spectrum Disorder in South Asia (COMPASS)	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel</p> <p>Principal Investigator Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 11,83,31,776</p> <p>Duration 48 months</p> <p>Subject area Mental Health</p>
	Approved with suggestions.	
244.	A pilot study to develop an efficacious oral cancer screening strategy for India	
	<p>Principal Investigator</p> <p>Dr. Kunal C Oswal</p> <p>Program Manager Tata Trusts, Mumbai- 400001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 3,60,00,000</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
245.	Public Health Initiative on LMIC Air Pollution (PHILAP)	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 12,65,544</p> <p>Duration 12 months</p> <p>Subject area Environmental Health</p>
246.	Implementation of a new diabetic retinopathy screening and treatment care pathway in the public health system in Kerala Ornate India a UK India Collaboration	
	<p>Principal Investigator</p> <p>Dr. Sahasranamam V</p> <p>Professor Regional Institute of Ophthalmology, Thiruvananthapuram- 695035 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 2,93,25,789</p> <p>Duration 12 months</p> <p>Subject area Ophthalmology</p>

S. No.	Details of the Project	
247.	Yoga programme for type-2 diabetes prevention (YOGA-DP) among high-risk people in India: intervention development and feasibility study	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 99,86,686</p> <p>Duration 16 months</p> <p>Subject area Diabetes</p>
	Approved with condition.	
248.	Phase III, Multicentre, Randomized, Double-blind, Placebo-controlled Study to Evaluate Efficacy of Probiotic Supplementation for Prevention of Neonatal Sepsis in 0-2 Months old Low Birth Weight Infants in India	
	<p>Principal Investigator</p> <p>Dr. Anju Pradhan Sinha</p> <p>Scientist F Indian Council of Medical Research (ICMR) Hqrs, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 20,50,63,872</p> <p>Duration 36 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
249.	The role of nutrients, gut dysfunction and the gut microbiome in determining health outcomes in undernutrition	
	<p>Principal Investigator</p> <p>Sarita Devi</p> <p>Lecturer St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 14,10,100</p> <p>Duration 12 months</p> <p>Subject area Nutrition</p>
250.	Early-life origins of brain resilience to mental illness and cognitive impairment across the life-course	
	<p>Principal Investigator</p> <p>Dr. Ghattu V Krishnaveni</p> <p>Senior Scientist CSI Holdsworth Memorial Hospital, Mysore - 570017 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 68,14,535</p> <p>Duration 12 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
251.	Prospective Multicenter discovery and validation of diagnostic circulating and urinary biomarkers and development of sensor(s) to detect sight threatening diabetic retinopathy	
	<p>Principal Investigator</p> <p>Dr. Krishnakumar Subramanian</p> <p>Deputy Director Research Sankara Nethralaya - Vision Research Foundation, Chennai- 600006 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 4,16,01,232</p> <p>Duration 36 months</p> <p>Subject area Ophthalmology</p>
	Approved with condition.	
252.	A randomized trial comparing oral misoprostol alone with oral misoprostol followed by oxytocin in women induced for hypertension of pregnancy	
	<p>Principal Investigator</p> <p>Dr. Shuchita Ramesh Mundle</p> <p>Professor Government Medical College and General Hospital, Nagpur- 440003 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 30,40,000</p> <p>Duration 36 months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
253.	'Towards a global research network for the molecular pathological stratification of Leishmaniasis'	
	<p>Principal Investigator</p> <p>Dr. Bibhuti Saha</p> <p>Professor Calcutta School of Tropical Medicine, Kolkata- 700073 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 40,99,410</p> <p>Duration 3 months</p> <p>Subject area Infectious Diseases</p>
254.	The Epidemiology of Scrub Typhus and Rickettsial Infections in a Highly Endemic Rural Setting in South India: Population-Based Cohort Study	
	<p>Principal Investigator</p> <p>Prof. John Antony Jude Prakash</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 4,08,21,600</p> <p>Duration 36 months</p> <p>Subject area Infectious Diseases</p>

S. No.	Details of the Project	
255.	Mycotoxin exposure, intestinal inflammation and childhood stunting in India	
	<p>Principal Investigator</p> <p>Dr. Vasanthi Siruguri</p> <p>Scientist E ICMR-National Institute of Nutrition (ICMR-NIN), Jamai-Osmania, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Nil</p> <p>Duration 10 months</p> <p>Subject area Nutrition</p>
256.	Memory in Neurological Disorders (MiND): Piloting a low-cost cognitive assessment platform for distinguishing dementia subtypes in India	
	<p>Principal Investigator</p> <p>Dr. Suvarna Alladi</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 15,50,000</p> <p>Duration 18 months</p> <p>Subject area Neurology</p>

S. No.	Details of the Project	
257.	To-Quit: Development and preliminary evaluation of technology delivered tobacco cessation program in India	
	<p>Principal Investigator</p> <p>Dr. Abhijit Nadkarni</p> <p>Co-Director Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs 1,18,31,087</p> <p>Duration 24 months</p> <p>Subject area m-Health</p>
	Approved with conditions.	
258.	Preventing smoking uptake among adolescents A primary prevention initiative for chronic lung disease in India	
	<p>Principal Investigator</p> <p>Dr. Muralidhar Madhav Kulkarni</p> <p>Associate Professor Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 3,80,72,108</p> <p>Duration 54 months</p> <p>Subject area Respiratory Health</p>

S. No.	Details of the Project	
259.	Development & validation of a scalable mobile platform for screening of developmental neuropsychiatric disorders in low-resource settings	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel</p> <p>Joint Director Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,50,42,326</p> <p>Duration 24 months</p> <p>Subject area Mental Health</p>
260.	Improving Access through Tele-Psychiatry (IMPACT)	
	<p>Principal Investigator</p> <p>Dr. Abhijit Nadkarni</p> <p>Research Fellow Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 89,99,000</p> <p>Duration 24 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
261.	Image guided intensity modulated external beam radiotherapy and MRI based adaptive brachytherapy in locally advanced cervical cancer, EMBRACE-II	
	<p>Principal Investigator</p> <p>Dr. Supriya Jayant Sastri</p> <p>Associate Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Medical University of Vienna, Austria</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 48,73,840</p> <p>Duration 108 months</p> <p>Subject area Oncology</p>
262.	An impact evaluation of Heart Rescue India program: Assessing the effectiveness of quality improvement program to improve access and care of acute cardiovascular disease	
	<p>Principal Investigator</p> <p>Dr. Denis B Xavier</p> <p>Head St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medtronic Foundation, USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 13,41,164</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases</p>

S. No.	Details of the Project	
263.	Heart Rescue India, a quality improvement project for pre hospital access and emergency care for ST-segment elevation myocardial infarction patients	
	<p>Principal Investigator</p> <p>Dr. Aruna C Ramesh</p> <p>Professor & HOD M.S. Ramaiah Medical College and Hospital, Bangalore-560054 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medtronic Foundation, USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 8,58,58,565</p> <p>Duration 36 months</p> <p>Subject area Cardiology</p>
	Approved with suggestions.	
264.	Community-based evaluation of G6PD deficiency in eastern India and its relevance to infectious and metabolic diseases	
	<p>Principal Investigator</p> <p>Dr. Santasabuj Das</p> <p>Scientist D ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Menzies School of Health Research, Australia</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 31,84,020</p> <p>Duration 12 months</p> <p>Subject area Infectious Diseases</p>

S. No.	Details of the Project	
265.	Trauma Related Acute Respiratory Distress Syndrome (ARDS) in India: Current Incidence and Management Strategies	
	<p>Principal Investigator</p> <p>Dr. Deepak Agrawal</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Michigan Center for Global Surgery, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 10,50,000</p> <p>Duration 24 Months</p> <p>Subject area Trauma</p>
	Approved with condition.	
266.	Exploratory randomized trial of face to face and mobile phone counseling against usual care for tobacco cessation in Indian primary care	
	<p>Principal Investigator</p> <p>Dr. Rajmohan Panda</p> <p>Additional Professor Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>MRC/DfID/Wellcome Global Health Trials Development</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs.1,01,13,046</p> <p>Duration 18 months</p> <p>Subject area Health Systems Research</p>

S. No.	Details of the Project	
267.	Exploring the role of indigenously developed Chimeric Antigen Receptor (CAR) modified T- Cells in the therapy of relapsed/ refractory B-cell Acute Lymphoblastic Leukemia ineligible for Stem Cell Transplantation-1st Stage of a Multi-stage Project	
	<p>Principal Investigator</p> <p>Dr. Surg Cdr Gaurav Narula</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Cancer Institute (NCI), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 86,00,000</p> <p>Duration 12 months</p> <p>Subject area Immunology</p>
	Approved for Stage 1 & 2 part of the study only. The clinical trial part of the study whenever to be undertaken should be submitted for HMSC clearance.	
268.	Mix in yeast: a multicenter survey on mixed yeast infections in Europa	
	<p>Principal Investigator</p> <p>Dr. Arunaloke Chakrabarti</p> <p>Professor and Head Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>National Centre for Microbiology, Spain</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 21 months</p> <p>Subject area Infectious Diseases</p>

S. No.	Details of the Project	
269.	ENCHANTED study (Enhanced Control of Hypertension and Thrombolysis stroke StuDy)	
	<p>Principal Investigator</p> <p>Dr. Jeyaraj Durai Pandian</p> <p>Professor and Head Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>National Health and Medical Research Council (NHMRC), Australia</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 87,24,499</p> <p>Duration 24 months</p> <p>Subject area Neurology</p>
	Approved for 12 sites (out of 22 sites).	
270.	A Phase 3, Multi-Arm Multi- Stage Covariate- Adjusted Response- Adaptive Randomised Trial To Determine Optimal Early Mobility Training after Stroke (AVERT DOSE)	
	<p>Principal Investigator</p> <p>Dr. Jeyaraj Durai Pandian</p> <p>Professor Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>National Health and Medical Research Council (NHMRC), Australia</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 1,48,58,806</p> <p>Duration 60 Months</p> <p>Subject area Rehabilitation</p>
	Approved for CMC, Ludhiana and GNRC Hospital, Guwahati only.	

S. No.	Details of the Project	
271.	Scaling-up interventions to improve the control of hypertension and diabetes in partnership with the governments of Kerala and Tamil Nadu: Leveraging India's national NCD program	
	<p>Principal Investigator</p> <p>Dr. Jeemon Paniyammakal</p> <p>Assistant Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram- 695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Health and Medical Research Council (NHMRC), Australia under Global Alliance for Chronic Diseases (GACD) Grant</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 3,76,84,388</p> <p>Duration 48 Months</p> <p>Subject area Cardiology/Diabeties</p>
272.	The Systematic Medical Appraisal, Referral and Treatment (SMART) Mental Health Programme	
	<p>Principal Investigator</p> <p>Dr. Pallab K Maulik</p> <p>Deputy Director George Institute for Global Health, New Delhi- 110025</p>	<p>Funding/Collaborating Agency</p> <p>National Health and Medical Research Council (NHMRC), Australia under Global Alliance for Chronic Diseases (GACD) Grant</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 9,53,83,400</p> <p>Duration 48 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
273.	The long-term effects of a peer-led lifestyle intervention program on diabetes progression and cardiovascular risk: the Kerala Diabetes Prevention Program	
	<p>Principal Investigator</p> <p>Dr. Jeemon Paniyammakal</p> <p>Assistant Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram- 695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Health and Medical Research Council (NHMRC), Australia</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 1,47,68,107</p> <p>Duration 42 months</p> <p>Subject area Cardiovascular Diseases/Diabetes</p>
	Approved with condition.	
274.	Development of a Home Based Psycho-Social Care Model for Difficult to Treat Patients with Schizophrenia and related disorders	
	<p>Principal Investigator</p> <p>Dr. Rakesh Kumar Chadda</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs.1,15,58,945</p> <p>Duration 36 months</p> <p>Subject area Psychiatry</p>

S. No.	Details of the Project	
275.	Understanding the patterns and determinants of health in South Asian people - South Asia Biobank	
	<p>Principal Investigator</p> <p>Dr. Mohan Viswanathan</p> <p>Director Madras Diabetes Research Foundation, Chennai- 600014 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 9,31,00,384</p> <p>Duration 30 months</p> <p>Subject area Cardiovascular Diseases/ Diabetes</p>
276.	NIHR Global Health Research Unit on Global Diabetes Outcomes Research	
	<p>Principal Investigator</p> <p>Dr. Mohan Viswanathan</p> <p>President and Chief Madras Diabetes Research Foundation, Chennai- 600086 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 20,35,51,057</p> <p>Duration 48 months</p> <p>Subject area Diabetes</p>

S. No.	Details of the Project	
277.	The National Institute for Health Research Global Health Research Group on improving stroke care in India at The University of Central Lancashire (IMPROVISE Study)	
	<p>Principal Investigator</p> <p>Dr. Jeyaraj Durai Pandian</p> <p>Professor and Head Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 4,49,46,884</p> <p>Duration 36 months</p> <p>Subject area Neurology</p>
	Approved with conditions.	
278.	Estimating Chronic Respiratory Disease (Asthma and COPD) burden in adults in Asian low and middle- income countries [4CCORD study - 4 Country ChrOnic Respiratory Disease study]	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Officer in Charge K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,42,95,470</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>
	Approved for KEM, Pune only.	

S. No.	Details of the Project	
279.	Addressing Smokeless Tobacco and building Research Capacity in South Asia (ASTRA)	
	<p>Principal Investigator</p> <p>Prof. Ravi Mehrotra</p> <p>Director ICMR-National Institute of Cancer Prevention and Research (ICMR-NICPR), Noida- 201301 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 3,54,75,515</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>
280.	Global Neurotrauma Outcomes Study (GNOS) - outcomes following emergency surgery for traumatic brain injury	
	<p>Principal Investigator</p> <p>Prof. Bhagavatula Indira Devi</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 1,00,000</p> <p>Duration 1 month</p> <p>Subject area Neurosurgery</p>

S. No.	Details of the Project	
281.	Improving Outcomes in Mental and Physical Multimorbidity and Developing Research Capacity programme: A collaborative Project Between NIMHANS and University of York - Capacity strengthening	
	<p>Principal Investigator</p> <p>Dr. Santosh Kumar Chaturvedi</p> <p>Senior Professor of Psychiatry National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 18,25,56,544</p> <p>Duration 24 months</p> <p>Subject area Mental Health</p>
282.	NIHR Global Health Research Group on Psychosis Outcomes: Protocol based assessment and management of First Episode Psychosis (AIIMS Centre)	
	<p>Principal Investigator</p> <p>Dr. Rakesh Kumar Chadda</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,15,58,945</p> <p>Duration 36 months</p> <p>Subject area m-Health/Chronic Diseases</p>
	Approved for AIIMS, New Delhi centre only.	

S. No.	Details of the Project	
283.	IMPACT Smoking cessation Support for people with Severe mental illness in South Asia (IMPACT 4S): a protocol for a randomised controlled pilot and feasibility trial for a combined behavioural and pharmacological support intervention	
	<p>Principal Investigator</p> <p>Dr. Pratima Murthy</p> <p>Professor and Head National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 54,20,000</p> <p>Duration 19 Months</p> <p>Subject area Mental Health</p>
284.	Mapping the dementia care and wider healthcare system in Kerala	
	<p>Principal Investigator</p> <p>Dr. Thomas Iype</p> <p>Professor and Head Trivandrum Medical College, Thiruvananthapuram-695011, Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 2,70,000</p> <p>Duration 12 Months</p> <p>Subject area Neurology</p>
	Approved with condition.	

S. No.	Details of the Project	
285.	Behavioural activation for depression in people with non-communicable disease in low- and middle-income countries in South Asia: Protocol for intervention design and randomised controlled feasibility trial	
	<p>Principal Investigator</p> <p>Dr. Arun Kandasamy</p> <p>Additional Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 51,66,000</p> <p>Duration 24 Months</p> <p>Subject area Social & Behavioural Research</p>
286.	Assessing the Feasibility and Impact of Physical Health Monitoring in Patients with First Episode Psychosis	
	<p>Principal Investigator</p> <p>Dr. Rakesh Kumar Chadda</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 60,18,944</p> <p>Duration 12 Months</p> <p>Subject area Mental Health</p>
	Approved for AIIMS centre only.	

S. No.	Details of the Project	
287.	Global Neurotrauma Outcome Study	
	<p>Principal Investigator</p> <p>Dr. Raja K Kutty</p> <p>Assistant Professor Government Medical College Thiruvananthapuram- 695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 1 month</p> <p>Subject area Neurosurgery</p>
288.	Establishing a Standard Care Package to Improve Diagnosis and Early Hospital Management of Patients with Suspected Acute Brain Infections in Low and Middle Income Countries	
	<p>Principal Investigator</p> <p>Dr. Vasanthapuram Ravi</p> <p>Senior Professor and Head National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 3,28,50,000</p> <p>Duration 36 months</p> <p>Subject area Neurology</p>

S. No.	Details of the Project	
289.	IMPACT: Investigating Mental and Physical Comorbidity	
	<p>Principal Investigator</p> <p>Dr. Krishna Prasad Muliya</p> <p>Associate Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 3,30,93,164</p> <p>Duration 24 months</p> <p>Subject area Mental Health</p>
290.	NIHR Global Health Group on Dementia Prevention & Enhanced Care - (DePEC)	
	<p>Principal Investigator</p> <p>Dr. Thomas Iype</p> <p>Prof and H.O.D. Trivandrum Medical College, Thiruvananthapuram- 695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 44,37,053</p> <p>Duration 36 months</p> <p>Subject area Neurology</p>

S. No.	Details of the Project	
291.	Consequence of Respiratory Syncytial Virus (RSV) Infection in Young Infants	
	<p>Principal Investigator</p> <p>Dr. Ashish Ramesh Bavdekar</p> <p>Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 41,30,184</p> <p>Duration 18 Months</p> <p>Subject area Infectious Diseases</p>
292.	Prevention of Epilepsy by reducing Neonatal Encephalopathy (PREVENT) study	
	<p>Principal Investigator</p> <p>Dr. Ravi Shankar Swamy</p> <p>Director Perinatal Trials Unit Foundation, Bangalore-560067, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 17,34,11,960</p> <p>Duration 48 Months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
293.	A cost-effective radiation treatment delivery system for low- and middle-income countries	
	<p>Principal Investigator</p> <p>Dr. Govinda Rajan K N</p> <p>Professor PSG Institute of Medical Sciences & Research, Coimbatore- 641004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 6,00,00,000</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved with condition.	
294.	Rapid point of care detection of HPV – Associated malignancies	
	<p>Principal Investigator</p> <p>Dr. Neerja Bhatla</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 5,91,92,508</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
295.	Identifying reproducible brain signatures of obsessive-compulsive profiles	
	<p>Principal Investigator</p> <p>Prof. Y.C. Janardhan Reddy</p> <p>Assistant Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,47,76,362</p> <p>Duration 60 months</p> <p>Subject area Mental Health</p>
296.	Breastfeeding Education Support Tool for Baby (BEST4Baby)	
	<p>Principal Investigator</p> <p>Dr. Niranjana S Mahantashetti</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 61,25,880</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
297.	Validation of Dried Blood Spots for Use in Whole Genome Sequencing	
	<p>Principal Investigator</p> <p>Dr. Ravindra Adikesavalu</p> <p>Chairman Institute for Social and Economic Change, Bangalore -560072 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 52,67,830</p> <p>Duration 12 months</p> <p>Subject area Social & Behavioral Research</p>
298.	Hospital Administration and Management in Improving Cardiovascular Healthcare Quality and Safety in India: A Mixed Method Proposal	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 4,20,356</p> <p>Duration 7 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with conditions.	

S. No.	Details of the Project	
299.	Assessment of the syndemic of substance use, violence, mental health problems and HIV prevalence among Transgender Women and Men who have Sex with Men in Urban and Rural Maharashtra, India	
	<p>Principal Investigator</p> <p>Dr. Seema Sahay</p> <p>Scientist F ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 2,40,000</p> <p>Duration 12 months</p> <p>Subject area Social & Behavioral Research</p>
	Approved with the observations of NACO.	
300.	MalariSense: Transdermal Bloodless and Reagent-Free Malaria Diagnostics	
	<p>Principal Investigator</p> <p>Dr. Manoranjan Ranjit</p> <p>Scientist E ICMR-Regional Medical Research Centre (ICMR-RMRC), Bhubaneswarv-751023 Orissa</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 23,16,000</p> <p>Duration 24 months</p> <p>Subject area Malaria</p>

S. No.	Details of the Project	
301.	Stigma as a barrier to cancer palliative care outcomes among people with HIV in India	
	<p>Principal Investigator</p> <p>Prof. Naveen Salins</p> <p>Professor Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 51,36,125</p> <p>Duration 24 months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with suggestions.	
302.	Deciphering the mechanism of gut microbiota driven cardiometabolic disorders, using <i>C. elegans</i> as an animal model	
	<p>Principal Investigator</p> <p>Dr. Ashwini Kumar Ray</p> <p>Postdoctoral Fellow Jawaharlal Nehru University New Mehrauli Road, New Delhi-110067</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 17,05,875</p> <p>Duration 12 months</p> <p>Subject area Cardiovascular Diseases/ Diabetes</p>

S. No.	Details of the Project	
303.	Building bridges between academia, non-governmental organizations and private psychiatrists for mental health research training in India	
	<p>Principal Investigator</p> <p>Dr. Smita N Deshpande</p> <p>Professor and Head Dr Ram Manohar Lohia Hospital (RML), New Delhi- 110001</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs.32,29,200</p> <p>Duration 12 months</p> <p>Subject area Mental Health</p>
	Approved with suggestions.	
304.	Improving Brain Myelination with Iron (Fe) Supplementation in Term Infants With Perinatal Latent Iron Deficiency: a Double-Blind, Randomized, Placebo-Controlled Trial	
	<p>Principal Investigator</p> <p>Dr. Satish Saluja</p> <p>Neonatologist Sir Ganga Ram Hospital Sarhadi Gandhi Marg, Old Rajinder Nagar, New Delhi-110060</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 9,19,68,202</p> <p>Duration 60 months</p> <p>Subject area Child Health</p>
	Approved with condition.	

S. No.	Details of the Project	
305.	Predictors of Resistance Emergence Evaluation in Multidrug Resistant-Tuberculosis Patients on Treatment (PREEMPT)	
	<p>Principal Investigator</p> <p>Dr. Sonali Sarkar</p> <p>Additional Professor and Head Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 4,25,80,464</p> <p>Duration 60 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	
306.	Macular Edema Ranibizumab v. Intravitreal anti-inflammatory Therapy (MERIT) Trial	
	<p>Principal Investigator</p> <p>Dr. Mudit Tyagi</p> <p>Consultant-Ophthalmology L V Prasad Eye Institute, Hyderabad-500034 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 48,86,000</p> <p>Duration 41 months</p> <p>Subject area Ophthalmology</p>
	Approved with condition.	

S. No.	Details of the Project	
307.	A5300/I2003B/Phoenix, A Phase III, open-label, multicenter trial with a cluster-randomized superiority design to compare the efficacy and safety of delamanid (DLM) versus isoniazid (INH) for preventing confirmed or probable active TB during 96 weeks of follow-up among high-risk household contacts (HHCs) of adults with multidrug-resistant tuberculosis (MDR-TB) Protecting Households On Exposure to Newly Diagnosed Index Multidrug-Resistant Tuberculosis Patients (PHOENIx MDR-TB)	
	<p>Principal Investigator</p> <p>Dr. Sanjay Narayan Gaikwad</p> <p>Professor & Head B J Medical College, Pune- 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 1,89,35,910</p> <p>Duration 60 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	
308.	Gender roles, masculinity, social capital and violence against women in peri-urban indiaender roles, masculinity, social capital and violence against women in peri-urban india	
	<p>Principal Investigator</p> <p>Dr. Nancy Angeline Gnanaselvam</p> <p>Tutor St John's National Academy of Health Sciences, Bangalore -560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 88,06,826</p> <p>Duration 24 months</p> <p>Subject area Mental Health</p>
	Approved with suggestions.	

S. No.	Details of the Project	
309.	Biomarkers for tuberculosis diagnosis and treatment response	
	<p>Principal Investigator</p> <p>Dr. Elizabeth Hanna Luke</p> <p>Scientist E ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 10,58,400</p> <p>Duration 12 months</p> <p>Subject area HIV/ Tuberculosis</p>
310.	Scaling Up NCD Screening and Management within the Government Health Care System in Rural India Using Frontline Community Health Workers	
	<p>Principal Investigator</p> <p>Dr. Nikhil Tandon</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 2,53,20,296</p> <p>Duration 24 months</p> <p>Subject area NCD Surveillance</p>
	Approved with condition.	

S. No.	Details of the Project	
311.	Genetic diagnosis of neuro developmental disorders in India	
	<p>Principal Investigator</p> <p>Dr. Anju Shukla</p> <p>Assistant Professor Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 7,36,50,913</p> <p>Duration 60 months</p> <p>Subject area Genomics</p>
312.	Chronic Sleep Deprivation Among the Poor: A Lab-in-the-field Approach	
	<p>Principal Investigator</p> <p>Dr. Shilpa Aggarwal</p> <p>Assistant Professor Indian School of Business, Hyderabad-500032 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 3,34,18,840</p> <p>Duration 20 months</p> <p>Subject area Social & Behavioural Research</p>

S. No.	Details of the Project	
313.	Macular Edema Ranibizumab v. Intravitreal anti-inflammatory Therapy (MERIT) Trial	
	<p>Principal Investigator</p> <p>Dr. Vishali Gupta</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 20,00,000</p> <p>Duration 36 months</p> <p>Subject area Ophthalmology</p>
	Approved with condition.	
314.	Macular Edema Ranibizumab v. Intravitreal anti-inflammatory Therapy (MERIT)	
	<p>Principal Investigator</p> <p>Dr. Soumyava Basu</p> <p>Head L V Prasad Eye Institute, Bhubaneswar-751024 Orissa</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 48,00,000</p> <p>Duration 41 months</p> <p>Subject area Ophthalmology</p>
	Approved with condition.	

S. No.	Details of the Project	
315.	A Single-arm Study to Evaluate the Feasibility and Efficacy of a Minimal Monitoring Strategy to Deliver Pan-genotypic Ribavirin-free HCV Therapy to HCV Infected Populations who are HCV Treatment Naïve with Evidence of Active HCV Infection: The MINMON Study	
	<p>Principal Investigator</p> <p>Dr. N Kumarasamy</p> <p>Chief Medical Officer YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 49,35,600</p> <p>Duration 24 months</p> <p>Subject area Hepatitis</p>
	In view of comments received from NACO, the proposal was approved by Chairperson, HMSC on 11 th February, 2019 and recommendations of NACO were communicated to PI. The Committee endorsed the decision.	
316.	PrEP Acceptability and Adherence Barriers Among Hard to Reach Sex Workers in India	
	<p>Principal Investigator</p> <p>Dr. Smarajit Jana</p> <p>Chief Advisor Durbar Mahila Samanwaya Committee, Kolkata-700006 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 20,00,000</p> <p>Duration 24 months</p> <p>Subject area HIV/AIDS/ STD</p>

S. No.	Details of the Project	
317.	Establishing a research program in India focused on evaluating safety of rural roads and highways	
	<p>Principal Investigator</p> <p>Dr. Geetam Tiwari</p> <p>Professor Indian Institute of Technology, New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 94,48,515</p> <p>Duration 24 months</p> <p>Subject area Trauma</p>
318.	Piloting of a Community Health Worker (CHW) led Chronic Obstructive Pulmonary Disease (COPD) Management and Control Program in a Rural India	
	<p>Principal Investigator</p> <p>Dr. Prashant Jarhyan</p> <p>Project Coordinator Public Health Foundation of India, New Delhi- 110017</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 36,00,000</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>

S. No.	Details of the Project	
319.	Maternal Newborn Health Registry (MNHR)	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 3,66,83,740</p> <p>Duration 60 months</p> <p>Subject area Child Health</p>
	Approved for JN Medical College Belagavi site only.	
320.	Project Prakash: Development of Object Perception After Late Sight Onset	
	<p>Principal Investigator</p> <p>Dr. Suma Ganesh</p> <p>Deputy Medical Director Dr Shroff Charity Eye Hospital, New Delhi- 110002</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 79,80,000</p> <p>Duration 60 months</p> <p>Subject area Neurosciences</p>

S. No.	Details of the Project	
321.	A pilot open label study of Acetazolamide as an adjuvant to anti-psychotic treatment in patients with schizophrenia	
	<p>Principal Investigator</p> <p>Dr. Anil Kakunje</p> <p>Professor and Head Yenepoya Medical College, Yenepoya University, Mangalore- 575018 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 7,00,000</p> <p>Duration 12 months</p> <p>Subject area Mental Health</p>
322.	Steroids and Cross-linking for Ulcer Treatment	
	<p>Principal Investigator</p> <p>Dr. Venkatesh Prajna Namperumalsamy</p> <p>Director Aravind Eye Hospital & PG Institute of Ophthalmology, Madurai- 625020 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 94,50,000</p> <p>Duration 48 months</p> <p>Subject area Ophthalmology</p>

S. No.	Details of the Project	
323.	Performance, Safety and Efficacy of a New Cryotherapy Device for Cervical Dysplasia in Low and Middle Income Countries	
	<p>Principal Investigator</p> <p>Dr. Anita D Dalal</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 2,15,32,416</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
	Approved with condition.	
324.	Prevention of Maternal and Neonatal Death/Infections With a Single Oral Dose of Azithromycin in Women in Labor (in Low- and Middle-income Countries): a Randomized Controlled Trial (A-PLUS)	
	<p>Principal Investigator</p> <p>Dr. Archana Behram Patel</p> <p>Program Director and CFO Lata Medical Research Foundation, Nagpur- 440020 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 6,36,32,604</p> <p>Duration 36 months</p> <p>Subject area Reproductive Health</p>

S. No.	Details of the Project	
325.	Study to understand the impact of multiple stigmas on ART initiation and retention in care among MSM and transgender women living with HIV in India	
	<p>Principal Investigator</p> <p>Mr. Visvanathan Arumugam</p> <p>Manager India HIV/AIDS Alliance, New Delhi- 110049</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 7,54,562</p> <p>Duration 24 months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with suggestion.	
326.	Compartmentalized CSF viral escape and the CNS HIV reservoir	
	<p>Principal Investigator</p> <p>Dr. Ameet Nandkumar Dravid</p> <p>Principal Investigator Poona Hospital and Research Center, Pune- 411030 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area HIV/AIDS/ STD</p>
	The HMSC Committee also suggested that a copy of CTRI registration should be submitted to HMSC before initiation of the study. The PI has submitted the same. Based on the comments received from NACO, the Chairman, HMSC recommended the proposal on 11 th June, 2019. The Committee endorsed the decision.	

S. No.	Details of the Project	
327.	Integrating HCV services into HIV Programs for PWID in India	
	<p>Principal Investigator</p> <p>Mr. Srikrishnan Aylur Kailasom</p> <p>Chief Operating Officer YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs.17,00,39,460</p> <p>Duration 60 months</p> <p>Subject area Hepatitis</p>
328.	Beginning with the end in mind: Assessment of context and factors crucial for scale-up of an innovative strategy to address hypertension and diabetes in India	
	<p>Principal Investigator</p> <p>Dr. Nikhil Srinivasapura Venkateshmurthy</p> <p>Research Fellow Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 6,94,884</p> <p>Duration 12 months</p> <p>Subject area Implementation Science</p>

S. No.	Details of the Project	
329.	Whole-Genome Sequencing and clinical correlates of drug resistant and drug sensitive Mycobacterium tuberculosis hominis among diabetics and Non diabetics in South India	
	<p>Principal Investigator</p> <p>Dr. Ranjitha Shankare Gowda</p> <p>Assistant Professor JSS Academy of Higher Education & Research, Mysore District- 570015 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 2,00,000</p> <p>Duration 12 months</p> <p>Subject area Tuberculosis</p>
	Approved with condition.	
330.	Comprehensive Profiling of Social Mixing Patterns in Resource Poor Countries	
	<p>Principal Investigator</p> <p>Dr. Gagandeep Kang</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs.1,53,25,432</p> <p>Duration 60 months</p> <p>Subject area Infectious Diseases</p>
	Approved with suggestion.	

S. No.	Details of the Project	
331.	Implementation of Home-Based Palliative Care in Limited Resource Settings	
	<p>Principal Investigator</p> <p>Dr. Gaurav Kumar</p> <p>Consultant Tata Medical Center, Kolkata- 700156 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs 36,90,000</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
332.	Whole Genome Sequencing of Drug Resistant Tuberculosis in India: Genotype-Phenotype Correlation, Clinical Impact of Resistance, and Sequencing Directly from Sputum	
	<p>Principal Investigator</p> <p>Dr. Camilla Sunil Rodrigues</p> <p>Consultant P D Hinduja National Hospital & Medical Research Centre, Mumbai- 400016 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 4,88,520</p> <p>Duration 60 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
333.	Memory like NK cells as biomarkers for risk of activation of latent TB in HIV+ individuals	
	<p>Principal Investigator</p> <p>Miss.Venkata Sanjeev Kumar Neela</p> <p>Research Associate III Bhagwan Mahavir Medical Research Centre, Hyderabad- 500004 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 77,99,090</p> <p>Duration 36 months</p> <p>Subject area HIV/ Tuberculosis</p>
334.	Exploiting Diversity-Oriented Chemical Synthesis for Combating Chronic Parasitic Infection	
	<p>Principal Investigator</p> <p>Dr. Amit Sharma</p> <p>Group Leader International Centre for Genetic Engineering and Biotechnology, New Delhi- 110067</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,51,20,000</p> <p>Duration 60 months</p> <p>Subject area Infectious Diseases</p>
	Approved with conditions.	

S. No.	Details of the Project	
335.	Characterization of human immune responses in asymptomatic and clinical dengue in India	
	<p>Principal Investigator</p> <p>Dr. Anmol Chandele</p> <p>Group Leader International Centre for Genetic Engineering and Biotechnology, New Delhi- 110067</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 4,36,41,130</p> <p>Duration 60 months</p> <p>Subject area Dengue</p>
	Approved with conditions.	
336.	A Cohort Study to Evaluate the Pharmacokinetics, Safety, and Treatment Outcomes of Standard Treatment for Pediatric Tuberculous Meningitis	
	<p>Principal Investigator</p> <p>Dr. Ira Shah</p> <p>Professor and Head Bai Jerbai Wadia Hospital for Children and Institute of Child Health, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,02,33,351</p> <p>Duration 24 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
337.	Development of a live attenuated vaccine for visceral leishmaniasis	
	<p>Principal Investigator</p> <p>Dr. Pradeep Das</p> <p>Director ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 14,00,000</p> <p>Duration 24 months</p> <p>Subject area Vaccine Development</p>
	Approved with conditions.	
338.	Collaborative research, implementation, and LEadership training to address chronic Conditions across the lifecourse (COALESCE) - a CAPACITY building initiative for prevention of chronic conditions	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 2,57,09,600</p> <p>Duration 60 months</p> <p>Subject area NCD</p>
	Approved with suggestions.	

S. No.	Details of the Project	
339.	Effect of Community Wide Deworming on Hookworm Modulated Immune Responses to Bystander Antigens and Vaccines in Southern India	
	<p>Principal Investigator</p> <p>Dr. Sitara Swarna Rao Ajjampur</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 2,84,98,725</p> <p>Duration 60 months</p> <p>Subject area Parasitic infections</p>
340.	Modifiable protective and risk factors of late-life cognitive health and dementia	
	<p>Principal Investigator</p> <p>Dr. A B Dey</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,20,75,000</p> <p>Duration 57 months</p> <p>Subject area Geriatrics</p>

S. No.	Details of the Project	
341.	Harmonized Diagnostic Assessment of Dementia (DAD) for Longitudinal Aging Study of India (LASI)-Genomic study	
	<p>Principal Investigator</p> <p>Dr. A B Dey</p> <p>Professor and Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 22,81,00,000</p> <p>Duration 60 months</p> <p>Subject area Geriatrics</p>
342.	Psychiatric research infrastructure for intervention and implementation in India (PRIIA)	
	<p>Principal Investigator</p> <p>Dr. Smita N Deshpande</p> <p>Consultant and Professor Dr Ram Manohar Lohia Hospital (RML), New Delhi- 110001</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 4,45,76,174</p> <p>Duration 60 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
343.	Intervening with pregnant women on depression in South India	
	<p>Principal Investigator</p> <p>Dr. Shuba Kumar</p> <p>Social Scientist Samarth, Chennai - 600004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 9,07,04,088</p> <p>Duration 60 Months</p> <p>Subject area Mental Health</p>
	Approved with condition.	
344.	Adapting and evaluating a brief advice tobacco intervention in high-reach, low-resource settings in India	
	<p>Principal Investigator</p> <p>Dr. Himanshu Abhay Gupte</p> <p>Professor Narotam Sekhsaria Foundation, Mumbai-400021 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 3,47,72,909</p> <p>Duration 60 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with condition.	

S. No.	Details of the Project	
345.	Psychiatric research infrastructure for intervention and implementation in India (PRIIA) (Building hub St John's, Bangalore)	
	<p>Principal Investigator</p> <p>Dr. Ashok V Mysore</p> <p>Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 1,16,69,748</p> <p>Duration 60 Months</p> <p>Subject area Mental Health</p>
	Approved with conditions.	
346.	Establishing TB portal of Mycobacterium tuberculosis patients from tertiary care hospital in Southern India-Year 1	
	<p>Principal Investigator</p> <p>Dr. Mahadev Rao</p> <p>Professor & Head Manipal College of Pharmaceutical Sciences (MCOPS), Manipal-576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 2,14,39,110</p> <p>Duration 36 Months</p> <p>Subject area Genomics</p>
	Approved with conditions.	

S. No.	Details of the Project	
347.	MVA Prime/Novel Trimeric Cyclically Permuted Envelope Protein Boost Vaccines for HIV	
	<p>Principal Investigator</p> <p>Dr. Raghavan Varadarajan</p> <p>Professor Indian Institute of Sciences, Bangalore-560012, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 2,49,50,000</p> <p>Duration 48 Months</p> <p>Subject area HIV/AIDS/ STD</p>
	Approved with conditions.	
348.	Health Status and Hormone Use among Adult Transgender Women with or without HIV	
	<p>Principal Investigator</p> <p>Mrs. Shruta Amit Rawat</p> <p>Research Manager The Humsafar Trust, Mumbai- 400055 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 24,06,240</p> <p>Duration 12 Months</p> <p>Subject area HIV/AIDS/ STD</p>
	Approved with conditions.	

S. No.	Details of the Project	
349.	Hybrid trial for Alcohol reduction among people with TB and HIV in India – HATHI	
	<p>Principal Investigator</p> <p>Prof. Shashikala Anant Sangle</p> <p>Professor and Head B J Medical College, Pune- 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 4,21,24,988</p> <p>Duration 60 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved with conditions.	
350.	Effectiveness of training health workers in providing brief intervention to males with hazardous drinking and assessment of depression in their spouses in rural south India	
	<p>Principal Investigator</p> <p>Dr. Divya Hegde</p> <p>Assistant Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 1,02,240</p> <p>Duration 12 Months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
351.	Fungal virulence factors during corneal infections	
	<p>Principal Investigator</p> <p>Prof. Dharmalingam Kuppamuthu</p> <p>Director Aravind Medical Research Foundation (AMRF), Madurai- 625020, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 17,28,000</p> <p>Duration 24 Months</p> <p>Subject area Mycology</p>
352.	Molecular determinants and function of axonal actin assemblies	
	<p>Principal Investigator</p> <p>Prof. Sandhya Padmanabhan Koushika</p> <p>Associate Professor Tata Institute of Fundamental Research, Mumbai-400005 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 13,40,000</p> <p>Duration 60 Months</p> <p>Subject area Neurosciences</p>

S. No.	Details of the Project	
353.	The Natural History and Pathogenesis of Human Fungal Infections	
	<p>Principal Investigator</p> <p>Dr. Anup K Ghosh</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 21 Months</p> <p>Subject area Mycology</p>
	Approved with condition.	
354.	Tuberculosis (TB) Aftermath	
	<p>Principal Investigator</p> <p>Dr. Madhusudan Barthwal</p> <p>Professor and Head Dr DY Patil Medical College, Pune-411018, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 4,19,61,798</p> <p>Duration 60 Months</p> <p>Subject area Tuberculosis</p>
	Approved with suggestion.	

S. No.	Details of the Project	
355.	Integrated Tracking, Referral, and Electronic Decision Support, and Care Coordination (I-TREC)	
	<p>Principal Investigator</p> <p>Dr. Nikhil Tandon</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 6,67,13,520</p> <p>Duration 60 months</p> <p>Subject area Translational Research</p>
356.	Screening protocol for genetic diseases of Lymphocyte Homeostasis and Programmed Cell Death	
	<p>Principal Investigator</p> <p>Dr. Amit Rawat</p> <p>Additional Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 60 months</p> <p>Subject area Immunology</p>

S. No.	Details of the Project	
357.	IMPAACT 2010, phase III study of the virologic efficacy and safety of dolutegravir-containing versus efavirenz-containing antiretroviral therapy regimens in HIV-1-infected pregnant women and their infants 'VESTED' Virologic Efficacy and Safety of ART Combinations with TAF/TDF, EFV and DTG	
	<p>Principal Investigator</p> <p>Dr. Pradip Sambarey</p> <p>Professor & Head B.J. Medical College and Sasoon General Hospital, Pune - 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 92,19,376</p> <p>Duration 36 months</p> <p>Subject area HIV/AIDS/STD</p>
	Approved with suggestions.	
358.	Kidney protection in m-Power study	
	<p>Principal Investigator</p> <p>Prof. D. Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control, Gurgaon-122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 52,00,200</p> <p>Duration 24 months</p> <p>Subject area Nephrology</p>
	Approved with suggestions.	

S. No.	Details of the Project	
359.	Validation of 25-hydroxyvitamin D assessment from dried blood spots	
	<p>Principal Investigator</p> <p>Dr. Ashwini Vinod Shete</p> <p>Scientist C ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 16,44,036</p> <p>Duration 12 months</p> <p>Subject area HIV/AIDS/STD</p>
360.	Analytical capacity building for the study of tobacco carcinogen exposures in India	
	<p>Principal Investigator</p> <p>Dr. Pankaj Chaturvedi</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 8,70,55,360</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
361.	M-OncoED: Oncology Education and Training for Providers using Mobile Phones	
	<p>Principal Investigator</p> <p>Prof. Regi Jose</p> <p>Medical Director Snehita Women's Health Foundation, Thiruvananthapuram-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 20,97,608</p> <p>Duration 24 months</p> <p>Subject area m-Health</p>
362.	CRAC Channel Components and Molecular Basis of store-operated calcium entry	
	<p>Principal Investigator</p> <p>Dr. Monika Vig</p> <p>Associate Professor Tata Institute of Fundamental Research, Hyderabad-500107 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 3,28,06,998</p> <p>Duration 21 months</p> <p>Subject area Immunology</p>

S. No.	Details of the Project	
363.	Maternal Adipocyte-Derived Exosomes in the Thin-Fat Indian Baby Paradox (Global Noncommunicable Diseases And Injury Across The Lifespan: Exploratory Research (R21))	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Director K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 64,66,135</p> <p>Duration 24 months</p> <p>Subject area Metabolic Disorder</p>
364.	Correlation of pulmonary structural and functional alterations in a population exposed to indoor cooking with solid bio-fuel: A pilot study	
	<p>Principal Investigator</p> <p>Dr. Kumar Durairaj</p> <p>Professor Kings College of Engineering, Pudukkottai-613303 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 5,42,000</p> <p>Duration 10 months</p> <p>Subject area Environmental Health</p>
	Approved with suggestions.	

S. No.	Details of the Project	
365.	Identification of signature molecules in the vitreous fluids of tubercular uveitis patients	
	<p>Principal Investigator</p> <p>Dr. Reema Bansal</p> <p>Associate Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 93,67,200</p> <p>Duration 36 months</p> <p>Subject area Tuberculosis</p>
366.	IMPlimentation of evidence based facility and community interventions to reduce the treatment gap for depRESSion (IMPRESS)	
	<p>Principal Investigator</p> <p>Dr. Abhijit Nadkarni</p> <p>Co-Director Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 11,64,57,907</p> <p>Duration 60 months</p> <p>Subject area Mental Health</p>
	Approved with condition.	

S. No.	Details of the Project	
367.	Biomarkers for Tuberculosis Diagnosis and Treatment Response	
	<p>Principal Investigator</p> <p>Dr. Luke Elizabeth Hanna</p> <p>Scientist E ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 29,10,000</p> <p>Duration 12 months</p> <p>Subject area Tuberculosis</p>
368.	IMPAACT 2005: A Phase I/II Open-Label, Single-Arm Study to Evaluate the Pharmacokinetics, Safety, and Tolerability of Delamanid in Combination with Optimized Multidrug Background Regimen (OBR) for Multidrug- Resistant Tuberculosis (MDR-TB) in HIV-Infected	
	<p>Principal Investigator</p> <p>Dr. Aarti Avinash Kinikar</p> <p>Professor and Head B J Medical College, Pune- 411001 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 16,95,209</p> <p>Duration 42 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	

S. No.	Details of the Project	
369.	Research Training at the Confluence of Infectious and Non-Communicable Diseases in India	
	<p>Principal Investigator</p> <p>Dr. Praveen Kulkarni</p> <p>Assistant Professor JSS Medical College, Mysore -570015 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 3,15,82,260</p> <p>Duration 60 months</p> <p>Subject area Infectious Disease</p>
	Approved with suggestions.	
370.	Maternal Malnutrition and Lactation Performance in India	
	<p>Principal Investigator</p> <p>Dr. Sunita Taneja</p> <p>Deputy Director Centre for Health Research and Development, Society of Applied Studies, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,21,63,987</p> <p>Duration 24 months</p> <p>Subject area Child Health</p>

S. No.	Details of the Project	
371.	Molecular Signatures of Tuberculosis-Diabetes Interaction (MSTDI) study	
	<p>Principal Investigator</p> <p>Dr. Padma Chandrasekaran</p> <p>Scientist E ICMR-National Institute for Research in Tuberculosis (ICMR- NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Tuberculosis</p>
372.	MDR-TB with or Without HIV coinfection : Pilot Observational Cohort at RePORT Sites in India	
	<p>Principal Investigator</p> <p>Dr. Shrinivasa B M</p> <p>Scientist B ICMR-National Institute for Research in Tuberculosis (ICMR- NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 4,70,500</p> <p>Duration 36 months</p> <p>Subject area HIV/ Tuberculosis</p>

S. No.	Details of the Project	
373.	Optimizing HIV Care in Less Developed Countries	
	<p>Principal Investigator</p> <p>Dr. N Kumarasamy</p> <p>Chief Medical Officer YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 1,12,20,000</p> <p>Duration 60 months</p> <p>Subject area HIV/AIDS/STD</p>
	Approved with suggestions.	
374.	Feasibility and Effectiveness of Training Health Workers in Providing Primary Mental Health Care to Adolescents in Rural South India	
	<p>Principal Investigator</p> <p>Dr. Archana Siddaiah</p> <p>Assistant Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 11,01,600</p> <p>Duration 12 months</p> <p>Subject area Mental Health</p>
	Approved with suggestions.	

S. No.	Details of the Project	
375.	A novel diagnostic tool to aid vaccine evaluation and surveillance of enterotoxigenic E. coli and Shigella	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director and Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs.73,14,840</p> <p>Duration 24 months</p> <p>Subject area Diarrheal Diseases</p>
	Approved with suggestions.	
376.	Building Enteric Infectious Disease Research Capacity In India	
	<p>Principal Investigator</p> <p>Dr. Gagandeep Kang</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 7,92,09,848</p> <p>Duration 60 months</p> <p>Subject area Infectious Disease</p>
	Approved for sub study without additional budget. Project was earlier approved by HMSC in its meeting held on 7 th September 2016.	

S. No.	Details of the Project	
377.	Developing and testing a Collaborative Quality Improvement (C-QIP) initiative for prevention of cardiovascular diseases (CVD) in India	
	<p>Principal Investigator</p> <p>Dr. Kavita Singh</p> <p>Research Scientist Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,92,48,138</p> <p>Duration 60 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with condition.	
378.	Identifying Reproducible Brain Signatures of Obsessive-Compulsive Profiles (3Ro1 MH 113250-02S1) Supplement	
	<p>Principal Investigator</p> <p>Dr. Janardhan Yc Reddy</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 36,96,431</p> <p>Duration 48 months</p> <p>Subject area Psychiatry</p>

S. No.	Details of the Project	
379.	Predictors of Resistance Emergence Evaluation in Multidrug Resistant-Tuberculosis Patients on Treatment (PREEMPT)	
	<p>Principal Investigator</p> <p>Dr. Zarir F Udawadia</p> <p>Consultant Chest Physician P D Hinduja National Hospital & Medical Research Centre, Mumbai- 400016 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,76,89,000</p> <p>Duration 60 months</p> <p>Subject area Infectious Diseases</p>
380.	Center for the Study of Complex Malaria in India 2.0	
	<p>Principal Investigator</p> <p>Dr. Aparup Das</p> <p>Director ICMR-Centre for Research in Medical Entomology (ICMR-CRME), Madurai- 625002 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 74,51,55,260</p> <p>Duration 60 months</p> <p>Subject area Malaria</p>

S. No.	Details of the Project	
381.	Macular Edema Ranibizumab v. Intravitreal anti-inflammatory Therapy (MERIT) Trial	
	<p>Principal Investigator</p> <p>Dr. Sudha K Ganesh</p> <p>Deputy Director Sankara Nethralaya - Vision Research Foundation, Chennai-600006 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 48,86,000</p> <p>Duration 41 months</p> <p>Subject area Ophthalmology</p>
	Approved with condition.	
382.	CHALO! 2.0 for increasing HIV testing and care engagement for MSM on the internet	
	<p>Principal Investigator</p> <p>Mrs. Shruta Amit Rawat</p> <p>Research Manager The Humsafar Trust, Mumbai- 400055 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 4,33,21,845</p> <p>Duration 60 months</p> <p>Subject area HIV/AIDS/ STD</p>

S. No.	Details of the Project	
383.	Heart Failure Quality Improvement in Kerala	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Executive Director Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 5,75,000</p> <p>Duration 12 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with conditions.	
384.	Prevalence, causes, management, and outcomes of sepsis in Asias intensive care units	
	<p>Principal Investigator</p> <p>Dr. Sheila Myatra</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National University of Health Sciences, Singapore</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Trauma</p>

S. No.	Details of the Project	
385.	Innovative low-cost primary care programme for integrated management of Type 2 diabetes and kidney disease using a technology supported multicomponent intervention in rural communities in South Asia: a pilot study	
	<p>Principal Investigator</p> <p>Prof. Vivekanand Jha</p> <p>Executive Director The George Institute for Global Health, New Delhi-110025</p>	<p>Funding/Collaborating Agency</p> <p>National University, Singapore</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 26,09,165</p> <p>Duration 12 months</p> <p>Subject area Diabetes</p>
386.	Development of a cell based assay for detection of scrub typhus antibodies by immunofluorescence	
	<p>Principal Investigator</p> <p>Prof. John Antony Jude Prakash</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Naval Medical Research Centre, USA</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 1,44,000</p> <p>Duration 12 months</p> <p>Subject area Infectious Diseases</p>
	Approved with conditions.	

S. No.	Details of the Project	
387.	Safety and Efficacy of 5-aminolevulinic acid hydrochloride (5-ALA-HCl) and Sodium Ferrous Citrate (SFC) in patients with uncomplicated Plasmodium falciparum malaria	
	<p>Principal Investigator</p> <p>Dr. Anupkumar Ramesh Rao Anvikar</p> <p>Scientist F ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi -110077</p>	<p>Funding/Collaborating Agency</p> <p>Neopharma Japan Co., Ltd. Japan</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,16,24,646</p> <p>Duration 24 months</p> <p>Subject area Parasitic Infections</p>
	Approved for NIMR, New Delhi; GMC, Midnapur and RIMS, Ranchi sites only.	
388.	Stop Transmission of Leprosy -The PEP ++ Project	
	<p>Principal Investigator</p> <p>Dr. Jugal Kishore</p> <p>Director Professor and Head Vardhaman Mahavir Medical College & Safdarjung Hospital, Safdarjung Campus, Ansari Nagar West, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Netherlands Leprosy Relief (NLR), Netherlands</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 6,82,05,604</p> <p>Duration 60 months</p> <p>Subject area Leprosy</p>
	Approved with suggestions.	

S. No.	Details of the Project	
389.	Monitoring early neurological fluctuation in hyperacute stroke	
	<p>Principal Investigator</p> <p>Prof. Sylaja Pn</p> <p>Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Neuroscience Foundation, Australia</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs.1,09,000</p> <p>Duration 12 months</p> <p>Subject area Neurology</p>
	Approved for one out of 2 sites.	
390.	Precision medicine and malnutrition a model-based approach to dose chemotherapy in pediatric patients with malnutrition	
	<p>Principal Investigator</p> <p>Dr. Vikram Gota</p> <p>Principal Investigator Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Newcastle University, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,72,91,600</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
391.	Tissue remodelling and fibrostenosis in Crohn's disease (TRAFIC)– a study of molecular signals and biomarkers. Tissue remodelling and fibrostenosis in Crohn's disease (TRAFIC)	
	<p>Principal Investigator</p> <p>Dr. Rangarajan Kasturi</p> <p>Consultant Narayana Hrudayalaya Hospitals, Bangalore- 560099 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>NIHR Birmingham Biomedical Research Centre (NIHR- BRC), UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 48 Months</p> <p>Subject area Gastroenterology</p>
	Approved only for Narayana Hrudayalaya Hospital, Bangalore with conditions.	
392.	Quality and outcomes in global cancer surgery: a prospective, international cohort study	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>NIHR, University of Edinburgh, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
	Approved for 4 out of 18 centers only.	

S. No.	Details of the Project	
393.	Stop Transmission of Leprosy- PEP++ Project	
	<p>Principal Investigator</p> <p>Dr. Jugal Kishore</p> <p>Director Professor Head of Community Medicine Vardhaman Mahavir Medical College & Safdarjung Hospital, New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>NLR, The Netherlands</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 7,85,76,800</p> <p>Duration 44 Months</p> <p>Subject area Leprosy</p>
	Approved with suggestion.	
394.	Comparison of Intracranial Atherosclerotic Disease (ICAD) in the United States and India	
	<p>Principal Investigator</p> <p>Prof. Sylaja Pn</p> <p>Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Northwestern Memorial Hospital, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Nil</p> <p>Duration 6 months</p> <p>Subject area Neurology</p>
	Approved with condition.	

S. No.	Details of the Project	
395.	A Phase 2 interventional, multicenter, randomized open-label study to determine the effective and tolerable dose of KAF156 and Lumefantrine Solid Dispersion Formulation in combination, given once daily for 1, 2 and 3-days to adults and children with uncomplicated Plasmodium falciparum malaria	
	<p>Principal Investigator</p> <p>Dr. Anupkumar Ramesh Rao Anvikar</p> <p>Scientist F ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi -110077</p>	<p>Funding/Collaborating Agency</p> <p>Novartis Healthcare Pvt. Ltd., India</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 60,19,671</p> <p>Duration 12 months</p> <p>Subject area Parasitic Infections</p>
	Approved with suggestions.	
396.	India 13. Strengthen and standardise the National Hemophilia Referral and Training Centres in India	
	<p>Principal Investigator</p> <p>Prof. Tulika Seth</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Novo Nordisk Hemophilia Foundation (NNHF), Denmark</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 4,03,13,835</p> <p>Duration 24 Months</p> <p>Subject area Haematology</p>
	Approved with suggestion.	

S. No.	Details of the Project	
397.	Phase III IGRT and SBRT vs IGRT and Hypofractionated IMRT for localized intermediate risk prostate cancer	
	<p>Principal Investigator</p> <p>Dr. Rahul Krishnatry</p> <p>Associate Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>NRG Oncology , USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 84,73,434</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
	Approved with suggestion.	
398.	Randomized Phase III Study of Sorafenib Versus Stereotactic Body Radiation Therapy Followed by Sorafenib in Hepatocellular Carcinoma	
	<p>Principal Investigator</p> <p>Dr. Reena Zarir Engineer</p> <p>Professor Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>NRG Oncology, USA</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 2,60,05,800</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
399.	Phase III randomized study of concurrent chemotherapy and pelvic radiation therapy with or without adjuvant chemotherapy in high-risk patients with early-stage cervical carcinoma following radical hysterectomy (RTOG 0724)	
	<p>Principal Investigator</p> <p>Dr. Supriya Chopra</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>NRG Oncology, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 92,15,863</p> <p>Duration 108 months</p> <p>Subject area Oncology</p>
	Approved with suggestion.	
400.	Phase III trial of Observation versus Irradiation for a gross totally resected grade II Meningioma	
	<p>Principal Investigator</p> <p>Dr. Tejpal Gupta</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>NRG Oncology, USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 12,30,000</p> <p>Duration 60 months</p> <p>Subject area Oncology</p>
	Approved with conditions.	

S. No.	Details of the Project	
401.	Assessment of Situational Analysis of Food and Nutrient Intakes of Young Children to enable to develop local Food Models for improving infant and young feeding practices in the states of Chhattisgarh, Gujarat, Madhya Pradesh and Uttar Pradesh in India	
	<p>Principal Investigator</p> <p>Dr. Avula Laxmaiah</p> <p>Scientist G ICMR-National Institute of Nutrition (ICMR-NIN), Jamai-Osmania, Hyderabad-500007 Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Nutrition International, Canada</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 70,87,080</p> <p>Duration 10 months</p> <p>Subject area Nutrition</p>
	Approved with condition.	
402.	Understanding the Pharmacology of Dipyridamole for its Ophthalmic Use	
	<p>Principal Investigator</p> <p>Dr. T Velpandian</p> <p>Professor and In-charge All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>O.D. Ocular Discovery Ltd., Israel</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 13,31,440</p> <p>Duration 12 Months</p> <p>Subject area Pharmacology</p>
	Approved with condition.	

S. No.	Details of the Project	
403.	Clinical utility of Non-Invasive Cardiac Magnetic Resonance imaging (CMR) in the assessment of adult patients with ischemic heart disease (IHD) in the Indian population	
	<p>Principal Investigator</p> <p>Dr. Sanjaya Viswamitra</p> <p>Senior Consultant and HOD Sri Sathya Sai Institute of Higher Medical sciences, EPIP Area, Whitefield, Bangalore- 560066 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Penn India Research and Engagement Fund (IREF), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 10,00,000</p> <p>Duration 36 months</p> <p>Subject area Cardiovascular Diseases</p>
404.	Assessment of the beliefs, knowledge and perception of the patients and health care providers about rheumatoid arthritis and effect of the information course	
	<p>Principal Investigator</p> <p>Dr. Ranjan Gupta</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Pfizer Inc., USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 13,86,000</p> <p>Duration 12 Months</p> <p>Subject area Rheumatology</p>

S. No.	Details of the Project	
405.	Vascular events In Surgery patients Cohort evaluation Cardiac Surgery (VISION Cardiac Surgery)	
	<p>Principal Investigator</p> <p>Dr. Muralidhar Kanchi</p> <p>Junior Consultant Narayana Hrudayalaya Hospitals, Bangalore- 560099 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Population Health Research Institute (PHRI), McMaster University, Canada</p> <p>Date of approval June 26, 2018</p> <p>Total budget Nil</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases</p>
406.	Global Congestive Heart Failure registry (G-CHF): Sub-Study	
	<p>Principal Investigator</p> <p>Dr. Ambuj Roy</p> <p>Additional Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Population Health Research Institute (PHRI), McMaster University, Canada</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 96,00,000</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved for AIIMS site only.	

S. No.	Details of the Project	
407.	Facility based validation of point of care test to detect glucose-6-phosphate dehydrogenase (G6PD) deficiency in eastern India	
	<p>Principal Investigator</p> <p>Dr. Santasabuj Das</p> <p>Scientist D ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 42,05,267</p> <p>Duration 12 months</p> <p>Subject area Malaria</p>
408.	A multi-country, single-blinded, phase 2 study to evaluate a point-of-need system for rapid detection of leishmaniasis and its implementation in endemic settings	
	<p>Principal Investigator</p> <p>Dr. Pradeep Das</p> <p>Director ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 8,29,400</p> <p>Duration 12 months</p> <p>Subject area Health Systems Research</p>

S. No.	Details of the Project	
409.	Rotasiil® vaccine effectiveness, rotavirus gastroenteritis, and intussusception surveillance study in Jharkhand, India	
	<p>Principal Investigator</p> <p>Dr. Venkata Raghava Mohan</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 4,85,84,096</p> <p>Duration 24 months</p> <p>Subject area Diarrhoeal Diseases</p>
	Approved for CMC, Vellore and Bokaro General Hospital, Jharkhand sites only.	
410.	A Phase 3, Randomized, Double-Blind, Placebo- controlled Efficacy And Safety Study of Ataluren In Patients With Nonsense Mutation Duchenne Muscular Dystrophy And Open-Label Extension	
	<p>Principal Investigator</p> <p>Dr. Sheffali Gulati</p> <p>Faculty-in-Charge All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>PTC Therapeutics, Inc., USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 46,64,951</p> <p>Duration 36 months</p> <p>Subject area Neurology</p>

S. No.	Details of the Project	
411.	A Phase 3, Randomized, Double-blind, Plicebo-controlled Efficacy and safety study of Ataluren in Patients with Nonsense Mutation Duchenne Muscular Dystrophy and Open-label Extension	
	<p>Principal Investigator</p> <p>Dr. Sheffali Gulati</p> <p>Faculty-in-Charge All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>PTC Therapeutics, Inc., USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 46,64,951</p> <p>Duration 36 Months</p> <p>Subject area Genetics</p>
	Approved for amendments (version 3.0) proposed in the already HMSC placed proposal approved on 16 th April, 2019. However, the Committee noted that the proposal has come thrice to HMSC for consideration and repeated revisions should be avoided.	
412.	Quantification of Immune Cell Types and Identification of Cell Type Specific Biomarker Expression in Pulmonary and Extra-Pulmonary Tuberculosis Patients	
	<p>Principal Investigator</p> <p>Dr. Noyal Mariya Joseph</p> <p>Associate Professor Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>Public Health England (PHE), UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 21,30,124</p> <p>Duration 24 months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
413.	The impact of malnutrition on immune responses to tuberculosis in Indian Children	
	<p>Principal Investigator</p> <p>Dr. Aishwarya Venkataraman</p> <p>Fellow ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Queen Mary University of London (QMUL), UK + London School of Hygiene & Tropical Medicine (LSHTM), UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 1,13,00,000</p> <p>Duration 60 Months</p> <p>Subject area Immunology</p>
414.	Generation of normative data on serum IGF-1 and IGFBP-3 in healthy school children of a north Indian city	
	<p>Principal Investigator</p> <p>Dr. Pinaki Dutta</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>Queen Mary University of London, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 12,50,000</p> <p>Duration 12 Months</p> <p>Subject area Endocrinology</p>

S. No.	Details of the Project	
415.	The Effect of Higher Protein Dosing in Critically Ill Patients: A Multicenter Registry-based Randomized Trial - The EFFORT Trial (Clinical trials.gov ID #NCT03160547)	
	<p>Principal Investigator</p> <p>Miss Pooja Lakhani</p> <p>Clinical Dietitian Apollo Hospitals Enterprises Limited, Mumbai- 400034 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Queen's University, Kingston, Canada</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Nutrition</p>
416.	Management of Colorectal Cancer (CRC) in routine practice: A comparative study of practice and outcomes in South India and Canada	
	<p>Principal Investigator</p> <p>Dr. S. Roshni</p> <p>Radiation Oncologist Regional Cancer Centre, Trivandrum-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Queen's University, Kingston, Canada</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
417.	The impact of Socioeconomic Status (SES) on stage of cancer at diagnosis and survival: a comparative study of Canada and South India	
	<p>Principal Investigator</p> <p>Dr. Aleyamma Mathew</p> <p>Professor & Head Regional Cancer Centre, Trivandrum-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>Queen's University, Kingston, Canada</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 36 months</p> <p>Subject area Oncology</p>
418.	Developing HIV broadly neutralizing antibodies as a prevention product for global access through antibody half-life extension engineering	
	<p>Principal Investigator</p> <p>Dr. Jayanta Bhattacharya</p> <p>Principal Investigator Translational Health Science and Technology Institute (THSTI), Gurgaon-121001 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Research Council of Norway (RCN), Norway</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 6,28,58,119</p> <p>Duration 24 months</p> <p>Subject area HIV/AIDS/ STD</p>
	Approved with conditions.	

S. No.	Details of the Project	
419.	Promoting MITS activities to determine cause of death among neonates and stillbirths in tertiary care teaching hospital	
	<p>Principal Investigator</p> <p>Dr. Sangappa Mallappa Dhaded</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Research Triangle Institute (RTI), USA</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 21,00,000</p> <p>Duration 17 months</p> <p>Subject area Child Health</p>
	Approved with conditions.	
420.	India Hypertension Management Initiative	
	<p>Principal Investigator</p> <p>Dr. Prabhdeep Kaur</p> <p>Scientist E ICMR-National Institute of Epidemiology (ICMR-NIE), Chennai- 600077 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Resolve to Save Lives – an Initiative of Vital Strategies, USA</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs.6,17,20,890</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with conditions.	

S. No.	Details of the Project	
421.	A Natural History Study of Infantile Neuroaxonal Dystrophy	
	<p>Principal Investigator</p> <p>Dr. Neeta Ajit Naik</p> <p>Consultant Pediatric Neurologist EN1 Neuro Services Pvt. Ltd., Mumbai- 400070 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Retrotope Inc., USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 19,20,000</p> <p>Duration 24 months</p> <p>Subject area Neurology</p>
	Approved with suggestion.	
422.	Performance evaluation of cobas MTB-RIF/INH assay in Treated sputum samples to meet the Regulatory requirements of seeking import license	
	<p>Principal Investigator</p> <p>Dr. Sanghamitra Pati</p> <p>Scientist-G (Director) ICMR-Regional Medical Research Centre (ICMR-RMRC), Bhubaneswar-751023, Orissa</p>	<p>Funding/Collaborating Agency</p> <p>Roche Diagnostic, Switzerland</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 6 Months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
423.	Performance evaluation of cobas MTB assay in Treated sputum samples to meet the Regulatory requirements of seeking import license	
	<p>Principal Investigator</p> <p>Dr. Sanghamitra Pati</p> <p>Scientist-G (Director) ICMR-Regional Medical Research Centre (ICMR-RMRC), Bhubaneswar-751023, Orissa</p>	<p>Funding/Collaborating Agency</p> <p>Roche Diagnostic, Switzerland</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 6 Months</p> <p>Subject area Tuberculosis</p>
424.	Investigating policy, stakeholder and context considerations for the development of a community-based drowning intervention in West Bengal	
	<p>Principal Investigator</p> <p>Dr. Jagnoor Jagnoor</p> <p>Head George Institute for Global Health, New Delhi- 110025</p>	<p>Funding/Collaborating Agency</p> <p>Royal National Lifeboat Institution, UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 59,11,000</p> <p>Duration 12 Months</p> <p>Subject area Drowning</p>
	Approved with conditions.	

S. No.	Details of the Project	
425.	A multinational online survey on the current perioperative practice for the management of patients with Diabetes Mellitus: a descriptive study	
	<p>Principal Investigator</p> <p>Dr. Habib Md Reazaul Karim</p> <p>Assistant Professor All India Institute of Medical Sciences (AIIMS), Raipur-492099, Chhattisgarh</p>	<p>Funding/Collaborating Agency</p> <p>SAARC countries</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 3 Months</p> <p>Subject area Diabetes</p>
	Approved with condition.	
426.	Asia Coma Electrical Stimulation trial (ACES Trial)	
	<p>Principal Investigator</p> <p>Dr. Deepak Gupta</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Shanghai Head Trauma Institute, China</p> <p>Date of approval August 30, 2017</p> <p>Total budget Nil</p> <p>Duration 24 months</p> <p>Subject area Trauma</p>

S. No.	Details of the Project	
427.	Evaluation of a Point-of-Care Testing Device (HemoTypeSCTM) for Screening of Sickle Cell Disease	
	<p>Principal Investigator</p> <p>Dr. Malay Biswanath Mukherjee</p> <p>Scientist E & Head ICMR-National Institute of Immunohaematology (ICMR-NIIH), Mumbai-400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Silver lake Research Cooperation, USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Nil</p> <p>Duration 4 months</p> <p>Subject area Haematology</p>
	Approved with condition.	
428.	Artificial intelligence based diagnostic software for occult scaphoid fractures and normative analysis of the scaphoid microstructure	
	<p>Principal Investigator</p> <p>Dr. Amanpreet Singh</p> <p>Junior Resident Kasturba Medical College and Hospital, Manipal- 576104 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Singapore University of Social Sciences, Singapore</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Orthopaedics</p>
	Approved with conditions.	

S. No.	Details of the Project	
429.	A Prospective, Open label, Non-randomized, Single-Arm, Multicenter Study to Evaluate the Procedural Safety and Efficacy of ELCA® in Treatment of Patients with Single or Multivessel Coronary Artery Disease (CAD)	
	<p>Principal Investigator</p> <p>Dr. Vinay Kumar Bahl</p> <p>Professor & Head All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Spectranetics Corporation, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 21,000</p> <p>Duration 12 months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved for one out of 5 sites.	
430.	Feasibility of implementing a strategy to eliminate Rh hemolytic disease in Community setting in Northern Karnataka– A pilot project	
	<p>Principal Investigator</p> <p>Dr. Shashidhar A</p> <p>Associate Professor St John's National Academy of Health Sciences, Bangalore - 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Stanford University, USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 3,45,000</p> <p>Duration 12 months</p> <p>Subject area Infant Mortality</p>
	Approved with condition.	

S. No.	Details of the Project	
431.	A randomized controlled trial of Acetazolamide for patients with treatment resistant schizophrenia” (an academic trial with add on trial medication)	
	<p>Principal Investigator</p> <p>Dr. Smita N Deshpande</p> <p>Professor Dr Ram Manohar Lohia Hospital (RML), New Delhi- 110001</p>	<p>Funding/Collaborating Agency</p> <p>Stanley Medical Research Institute, US</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 1,13,34,315</p> <p>Duration 36 Months</p> <p>Subject area Psychiatry</p>
	Approved for RML Hospital, New Delhi only.	
432.	Designing implementation research for integration of tuberculosis, diabetes, and tobacco control programme: research link collaboration between India, Indonesia, and Sweden	
	<p>Principal Investigator</p> <p>Dr. Rajmohan Panda</p> <p>Additional Professor Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Swedish Research Council (SRC), Sweden</p> <p>Date of approval February 19, 2020</p> <p>Total budget No money except reimbursement of ticket</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases/ Diabetes</p>
	Approved with conditions.	

S. No.	Details of the Project	
433.	Geographical Information Systems for Epidemiological research. Case studies with focus on Chronic Kidney Disease of unknown etiology	
	<p>Principal Investigator</p> <p>Dr. Vidhya Venugopal</p> <p>Professor Sri Ramachandra Medical College and Research Institute, Chennai- 600116 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>Swedish Research Council (SRC), Sweden</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 2,02,500</p> <p>Duration 36 months</p> <p>Subject area m-Health/Chronic Diseases</p>
434.	Mother, father, child & diabetes risk -interplay between genes & environment in India & Sweden. A transethnic study of parent-of-origin effects in fetal programming of diabetes using omics approaches	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Director K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Swedish Research Council (SRC), Sweden</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 34,83,200</p> <p>Duration 24 months</p> <p>Subject area Cardiovascular Diseases/Diabetes</p>
	Approved with condition.	

S. No.	Details of the Project	
435.	Measuring and correcting visual acuity among older adults and measuring the effects of visual improvement on social and economic well-being in India	
	<p>Principal Investigator</p> <p>Prof. Arokiasamy Perianayagam</p> <p>Professor & Head International Institute for Population Sciences, Mumbai- 400088 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Swiss National Science Foundation (SNSF), Bern, Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs 2,87,62,128</p> <p>Duration 36 months</p> <p>Subject area Opthamology</p>
436.	A pilot study to estimate prevalence of Celiac disease in high risk-group in Asia (Asian celiac disease Study)	
	<p>Principal Investigator</p> <p>Dr. Govind K Makharia</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Takeda Pharmaceuticals Company Limited, Japan</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 3,25,87,500</p> <p>Duration 12 months</p> <p>Subject area Gastroenterology</p>
	Approved with condition.	

S. No.	Details of the Project	
437.	Community Child Respiratory Health via AI-enabled Digital Technology	
	<p>Principal Investigator</p> <p>Dr. Arun Kumar</p> <p>Chief Executive Officer Apnalaya, Mumbai- 400036 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>The Children's Prize Foundation, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 59,03,475</p> <p>Duration 17 months</p> <p>Subject area Pneumonia</p>
438.	Randomized Evaluation of Sodium Dialysate Levels on Vascular Events (RESOLVE)	
	<p>Principal Investigator</p> <p>Prof. Vivekanand Jha</p> <p>Executive Director George Institute for Global Health, New Delhi- 110025</p>	<p>Funding/Collaborating Agency</p> <p>The George Institute for Global Health, Australia</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 1,76,70,000</p> <p>Duration 60 months</p> <p>Subject area Nephrology</p>

S. No.	Details of the Project	
439.	Genetic Architecture of Parkinson disease in the Indian population (GAP-India)	
	<p>Principal Investigator</p> <p>Prof. Asha Kishore</p> <p>Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram- 695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>The Michael J Fox Foundation for Parkinsons Research, USA</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 4,81,34,000</p> <p>Duration 36 months</p> <p>Subject area Neurology</p>
	Approved with condition.	
440.	THE RECUT STUDY transoral Robotic surgery for rECurrent tumours of the Upper aerodigestive Tract	
	<p>Principal Investigator</p> <p>Dr. Gouri Pantvaidya</p> <p>Professor and Surgeon Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>The Royal Marsden Hospital, UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
	Approved only for Tata Memorial Hospital, Mumbai.	

S. No.	Details of the Project	
441.	Integration of AYUSH [TCAM] at the Primary Health Care level in Odisha state, India: Multiple Meanings and Practices	
	<p>Principal Investigator</p> <p>Dr. Bhuputra Panda</p> <p>Associate Professor Indian Institute of Public Health, Mayfair Road, Jayadev Vihar, Bhubaneswar-751013 Orissa</p>	<p>Funding/Collaborating Agency</p> <p>The University of Newcastle, Australia</p> <p>Date of approval September 10, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Health Systems Research</p>
	Approved with suggestions.	
442.	Study of Prevalence of Malnutrition in School going Tribal Girls in Palghar District, Maharashtra	
	<p>Principal Investigator</p> <p>Prof. Narendra G Shah</p> <p>Professor Indian Institute of Technology, Mumbai-400076 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Toddler Food Partners, Minnesota, USA</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 14,28,000</p> <p>Duration 12 months</p> <p>Subject area Nutrition</p>

S. No.	Details of the Project	
443.	Quality Assurance scheme for Malaria Diagnosis	
	<p>Principal Investigator</p> <p>Dr. Anupkumar Ramesh Rao Anvikar</p> <p>Scientist F ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi -110077</p>	<p>Funding/Collaborating Agency</p> <p>UK NEQAS Parasitology, UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 22,84,000</p> <p>Duration 12 months</p> <p>Subject area Malaria</p>
	Approved with condition.	
444.	STRiDE: Strengthening responses to dementia in developing countries	
	<p>Principal Investigator</p> <p>Dr. Suvarna Alladi</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>UK Research and Innovation's Global Challenges Research Fund</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 1,35,43,591</p> <p>Duration 48 months</p> <p>Subject area Neurology</p>

S. No.	Details of the Project	
445.	Development of artificial Intelligence tool for Radiographic Detection and Screening of Tuberculosis (AIR-TB)	
	<p>Principal Investigator</p> <p>Dr. Srikanth Prasad Tripathy</p> <p>Scientist G & Director-In-Charge ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>UNAIDS, Switzerland</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 3,05,73,400</p> <p>Duration 18 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	
446.	Scaling up short course TB preventive regimen containing Isoniazid and Rifapentine given once-weekly for three months (3HP) among People Living with HIV/AIDS (PLHIV) and child contacts of sputum positive pulmonary TB patients in India: A demonstration project	
	<p>Principal Investigator</p> <p>Dr. Srikanth Prasad Tripathy</p> <p>Scientist G ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>UNITAID, Switzerland</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 7,11,65,420</p> <p>Duration 36 months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved with condition.	

S. No.	Details of the Project	
447.	Exploring and understanding the psycho-social factors enabling drug resistant patients to achieve better treatment adherence and completion-A qualitative study in Bengaluru and Hyderabad	
	<p>Principal Investigator</p> <p>Dr. Karikalan Nagarajan</p> <p>Scientist B ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>United States Agency for International Development (USAID), USA</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 41,26,000</p> <p>Duration 18 Months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	
448.	Assessing Breast and Cervical Cancer Community Perceptions and Individual Experiences in selected areas around Bangalore City, Karnataka, India	
	<p>Principal Investigator</p> <p>Dr. Avita Rose Johnson</p> <p>Assistant Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>United States-India Education Foundation, USA</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,43,495</p> <p>Duration 6 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
449.	Distribution of lymph node metastases in esophageal carcinoma [TIGER study]	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Director Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Universiteit van Amsterdam, The Netherlands</p> <p>Date of approval December 11, 2019</p> <p>Total budget Nil</p> <p>Duration 94 months</p> <p>Subject area Oncology</p>
450.	Two-month Regimens Using Novel Combinations to Augment Treatment Effectiveness for drug-sensitive Tuberculosis (TRUNCATE-TB)	
	<p>Principal Investigator</p> <p>Dr. Rohit Sarin</p> <p>Director National Institute of Tuberculosis and Respiratory Diseases (NITRD), New Delhi- 110030</p>	<p>Funding/Collaborating Agency</p> <p>University College London, UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 3,40,07,410</p> <p>Duration 33 Months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
451.	A Multicentre Clinical Study Evaluating the Novel Biomarkers: Dimethylarginines and Ischemia-modified Albumin In Patients with Acute- on-Chronic Liver Failure	
	<p>Principal Investigator</p> <p>Dr. Shalimar</p> <p>Associate Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>University College London, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 35,30,036</p> <p>Duration 24 Months</p> <p>Subject area m-Health/Chronic diseases</p>
452.	A tool to measure adolescent mental health in low- and middle-income countries: validating the Brief Problem Checklist in India	
	<p>Principal Investigator</p> <p>Dr. Varun Shantilal Mehta</p> <p>Assistant Professor Central Institute of Psychiatry, Ranchi-834006 Jharkhand</p>	<p>Funding/Collaborating Agency</p> <p>University College London, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 1,15,000</p> <p>Duration 9 months</p> <p>Subject area Mental Health</p>

S. No.	Details of the Project	
453.	Is alternate day oral iron more effective in improving iron status of young Indian women than daily doses?.	
	<p>Principal Investigator</p> <p>Prof. Molly Jacob</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University College London, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 67,34,000</p> <p>Duration 6 Months</p> <p>Subject area Iron-deficiency anemia</p>
	Approved with conditions.	
454.	INternational observational study To Understand the impact and BEst practices of airway management of critically ill patients	
	<p>Principal Investigator</p> <p>Dr. Sheila Myatra</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University Hospital San Gerardo, Italy</p> <p>Date of approval December 17, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>
	Approved with suggestions.	

S. No.	Details of the Project	
455.	INternational observational study To Understand the impact and BEst practices of airway management in critically ill patients (INTUBE study)	
	<p>Principal Investigator</p> <p>Dr. Gopalakrishna K N</p> <p>Associate Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University Hospital San Gerardo, Italy</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 2 months</p> <p>Subject area Neurosciences</p>
456.	Abdominal Tuberculosis In Children- Pattern And Treatment Outcomes	
	<p>Principal Investigator</p> <p>Dr. Vishal Michael</p> <p>Senior Resident Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>University of Birmingham, UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 12,45,000</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>
	Approved with suggestion.	

S. No.	Details of the Project	
457.	Pragmatic multicentre FActorial randomised controlled trial testing measures to reduCe surgical site infection in low and middle income couNtries	
	<p>Principal Investigator</p> <p>Dr. Dhruva Nath Ghosh</p> <p>Associate Director Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>University of Birmingham, UK</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs.74,20,015</p> <p>Duration 24 months</p> <p>Subject area Infectious Diseases</p>
	Approved for total 6 sites. The PI also requested for addition of two more study sites (Chinchpada Christian Hospital, Chinchpada Maharashtra and Madhipura Christian Hospital, Madhipura,Bihar)	
458.	Outcomes of elective cancer surgery during the COVID-19 pandemic crisis: an international, multicentre, observational cohort study (CovidSurg-Cancer)	
	<p>Principal Investigator</p> <p>Dr. Dhruva Nath Ghosh</p> <p>Professor Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>University of Birmingham, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 10 Months</p> <p>Subject area COVID 19</p>

S. No.	Details of the Project	
459.	Cluster Randomised Trial Of Sterile Glove And Instrument Change At The Time Of Wound Closure To Reduce Surgical Site Infection	
	<p>Principal Investigator</p> <p>Dr. Dhruva Nath Ghosh</p> <p>Professor Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>University of Birmingham, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 47,72,800</p> <p>Duration 24 Months</p> <p>Subject area Surgical Site Infection Prevention</p>
460.	A prospective open randomized clinical trial of non-invasive ventilation versus standard therapy for children hospitalized with an acute exacerbation of asthma	
	<p>Principal Investigator</p> <p>Dr. Joseph L Mathew</p> <p>Professor Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160012</p>	<p>Funding/Collaborating Agency</p> <p>University of British Columbia, Canada</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 25,92,784</p> <p>Duration 6 months</p> <p>Subject area Asthma</p>

S. No.	Details of the Project	
461.	Development of a computer vision algorithm to aid in the diagnosis of skin diseases using mobile phone captured images	
	<p>Principal Investigator</p> <p>Prof. M Ramam</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>University of California, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Nil</p> <p>Duration 9 months</p> <p>Subject area m-Health</p>
	Approved with condition.	
462.	Clinical Outcomes of patients with High-Risk Clinically–Localized Prostate Cancer Treated in the Modern Era	
	<p>Principal Investigator</p> <p>Dr. Vedang Murthy</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of California, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
463.	RESCUE-ASDH	
	<p>Principal Investigator</p> <p>Dr. Mathew Joseph</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Cambridge, UK</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 13,75,000</p> <p>Duration 42 months</p> <p>Subject area Neurosurgery</p>
464.	Salivary DNA as A Diagnostic Tool In Oral Cavity Squamous Cell Carcinoma	
	<p>Principal Investigator</p> <p>Dr. Sudhir Vasudevan Nair</p> <p>Associate Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Chicago, USA</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 11,10,000</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>

S. No.	Details of the Project	
465.	New-onset atrial fibrillation in the intensive care unit: protocol for an international 14-day inception cohort study (AFIB-ICU)	
	<p>Principal Investigator</p> <p>Dr. Sheila Myatra</p> <p>Professor and Anesthetist F Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Copenhagen, Denmark</p> <p>Date of approval June 12, 2020</p> <p>Total budget Nil</p> <p>Duration 12 Months</p> <p>Subject area Critical Care</p>
466.	Prevention, detection and treatment of adult lung disease including lung cancer) in a poor, rural population in Tamil Nadu: feasibility study	
	<p>Principal Investigator</p> <p>Dr. Rita Isaac</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Edinburgh, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 10,75,275</p> <p>Duration 18 months</p> <p>Subject area Respiratory Health</p>

S. No.	Details of the Project	
467.	Development and pilot testing of Theory of Planned Behaviour based educational intervention to improve knowledge, attitude and health behaviour in people with Chronic Respiratory Disease: A study in Southern Indian Rural Community	
	<p>Principal Investigator</p> <p>Dr. Biswajit Paul</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Edinburgh, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 11,46,960</p> <p>Duration 36 months</p> <p>Subject area Respiratory Health</p>
468.	Estimating Chronic Respiratory Disease (Asthma and COPD) burden in adults in Asian low and middle-income countries	
	<p>Principal Investigator</p> <p>Dr. Rita Isaac</p> <p>Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Edinburgh, UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 19,35,495</p> <p>Duration 27 months</p> <p>Subject area Respiratory Health</p>

S. No.	Details of the Project	
469.	The CRANE feasibility study (a mixed method study of malnutrition and sustainable nutritional intervention for patients undergoing cancer surgery in low- and middle-income countries) WP3	
	<p>Principal Investigator</p> <p>Dr. Dhruva Nath Ghosh</p> <p>Professor Christian Medical College, Ludhiana- 141008 Punjab</p>	<p>Funding/Collaborating Agency</p> <p>University of Edinburgh, UK</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 59,36,778</p> <p>Duration 24 Months</p> <p>Subject area Oncology</p>
	Approved with suggestion.	
470.	Developing a Type 1 diabetes genetic risk score to get the right diagnosis and the right treatment for patients with diabetes	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Director K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Exeter Medical School, University of Exeter, UK</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 34,00,000</p> <p>Duration 36 months</p> <p>Subject area Diabetes</p>

S. No.	Details of the Project	
471.	A physiological review to address in more detail the limitations related to dynamic fluid responsiveness indices as pulse pressure variation, and/or stroke volume variation during lung protective ventilation with low tidal volumes	
	<p>Principal Investigator</p> <p>Dr. Sheila Myatra</p> <p>Professor and Anesthetist F Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Groningen, The Netherlands</p> <p>Date of approval October 27, 2017</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Respiratory Health</p>
472.	Vellore Inception Psoriatic disease Registry (VIPeR)	
	<p>Principal Investigator</p> <p>Dr. Ashish Jacob Mathew</p> <p>Assistant Professor Christian Medical College and Hospital, Vellore- 632004 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Leeds, UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 15,00,000</p> <p>Duration 96 months</p> <p>Subject area Immunology</p>

S. No.	Details of the Project	
473.	The benefit of EXtending oral anti COAgulant treatment after acute Cerebral Vein Thrombosis (EXCOA-CVT)	
	<p>Principal Investigator</p> <p>Prof. Sylaja Pn</p> <p>Professor Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram-695011 Kerala</p>	<p>Funding/Collaborating Agency</p> <p>University of Lisbon, Portugal</p> <p>Date of approval October 27, 2017</p> <p>Total budget Rs. 80,000</p> <p>Duration 60 months</p> <p>Subject area Neurology</p>
	Approved for SCTIMS, Thiruvananthapuram centre only.	
474.	Evaluating cost of care for Parkinsons patients in rural Gujarat, India	
	<p>Principal Investigator</p> <p>Dr. Soaham Dilip Desai</p> <p>Professor and Head Shree Krishna Hospital and Charutar Arogya Mandal, Karamsad-388325 Gujarat</p>	<p>Funding/Collaborating Agency</p> <p>University of Massachusetts Medical School, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 6 months</p> <p>Subject area Neurology</p>
	Approved with condition.	

S. No.	Details of the Project	
475.	Itch in leprosy: A quantitative sensory study on itch and sensation in leprosy patients in a tertiary care hospital	
	<p>Principal Investigator</p> <p>Dr. Sowmya Kaimal</p> <p>Assistant Professor St John's Medical College and Hospital, Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Miami, USA</p> <p>Date of approval January 17, 2018</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Leprosy</p>
476.	Gut microbial profiles and nutritional status of adults in rural and urban areas of Bangalore- An Observational pilot study	
	<p>Principal Investigator</p> <p>Dr. Leeberk Raja Inbaraj</p> <p>Consultant Bangalore Baptist Hospital Bellary Road Hebbal, Bangalore-560024 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Nottingham, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 4,35,000</p> <p>Duration 12 months</p> <p>Subject area Bioinformatics</p>
	Approved with conditions.	

S. No.	Details of the Project	
477.	Prevalence Survey of Plasmodium Falciparum antimalarial drug resistance markers at sites in India	
	<p>Principal Investigator</p> <p>Dr. Mary Dias</p> <p>Associate Professor St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 40,48,862</p> <p>Duration 24 months</p> <p>Subject area Malaria</p>
478.	An exploratory study to understand the attitudes among parents towards cognitive enhancement interventions to address cognitive difficulties in their children	
	<p>Principal Investigator</p> <p>Dr. Jayashree Dasgupta</p> <p>Senior Research Fellow Public Health Foundation of India (PHFI), Gurgaon- 122002 Haryana</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 8,19,800</p> <p>Duration 15 months</p> <p>Subject area Social & Behavioral Research</p>
	Approved with condition.	

S. No.	Details of the Project	
479.	Maternal and perinatal Health Research collaboration, India (MaatHRI): improving outcomes in pregnant women with anaemia	
	<p>Principal Investigator</p> <p>Dr. Umesh Chandra Sarma</p> <p>Vice Chancellor Srimanta Sankaradeva University of Health Sciences, Guwahati-781032 Assam</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 4,48,21,121</p> <p>Duration 50 months</p> <p>Subject area Maternal Health</p>
	Approved with suggestion.	
480.	Characterizing the antibody response induced by typhoid and paratyphoid antigens during natural infection (BactiVac-India)	
	<p>Principal Investigator</p> <p>Dr. Savitha Nagaraj</p> <p>Professor and Head St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 6,90,000</p> <p>Duration 24 Months</p> <p>Subject area Immunology</p>
	Approved with condition.	

S. No.	Details of the Project	
481.	Early Bird Diabetes Study and Pune Maternal Nutrition Study : Metadata Analysis	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Director K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Plymouth, UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases/ Diabetes</p>
482.	Periodontal Treatment and Pregnancy Outcomes: Correcting Bias in Clinical Trials	
	<p>Principal Investigator</p> <p>Dr. Fouzia Tarannum</p> <p>Assistant Professor M. R. Ambedkar Dental College and hospital, Bangaluru- 560005 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of South Carolina, USA</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Reproductive Health</p>
	Approved with condition.	

S. No.	Details of the Project	
483.	Diet, lifestyle patterns and nutritional biomarkers as risk factors for gestational diabetes in urban India	
	<p>Principal Investigator</p> <p>Dr. Ghattu V Krishnaveni</p> <p>Senior Scientist CSI Holdsworth Memorial Hospital, Mysore - 570017 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Southampton, UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs.1,12,08,145</p> <p>Duration 36 months</p> <p>Subject area Diabetes</p>
484.	Building capacity for applied research to reduce tobacco-related harm in low and middle income countries	
	<p>Principal Investigator</p> <p>Dr. Monika Arora</p> <p>Executive Director HRIDAY, New Delhi- 110049</p>	<p>Funding/Collaborating Agency</p> <p>University of Stirling, UK</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 20,03,749</p> <p>Duration 48 months</p> <p>Subject area Tobacco Control</p>

S. No.	Details of the Project	
485.	Addressing critical failures of Infant and Young child Nutrition in South Asia: IYCN Challenges faced by working women in urban areas	
	<p>Principal Investigator</p> <p>Dr. Seema Puri</p> <p>Associate Professor Institute of Home Economics, New Delhi -110016</p>	<p>Funding/Collaborating Agency</p> <p>University of Sydney, Australia</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 40,12,680</p> <p>Duration 12 months</p> <p>Subject area Nutrition</p>
486.	Re-analysis of TB recurrence data to assess the added value of WGS in differentiating relapses from re-infection	
	<p>Principal Investigator</p> <p>Dr. Siva Kumar Shanmugam</p> <p>Scientist C ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Sydney, Australia</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 7,00,000</p> <p>Duration 12 Months</p> <p>Subject area Tuberculosis</p>

S. No.	Details of the Project	
487.	Culture-independent genome sequencing of M. tuberculosis directly from sputum samples	
	<p>Principal Investigator</p> <p>Dr. Uma Devi Ranganathan</p> <p>Scientist D and HOD ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>University of Sydney, Australia</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 6,00,000</p> <p>Duration 12 Months</p> <p>Subject area Tuberculosis</p>
488.	Cross cultural adaptation of the Breast Cancer and Lymphedema Symptom Experience Index (BCLE-SEI) in three Indian language; Hindi, Marathi and Bengali and comparison of bio-impedance spectroscopy devices	
	<p>Principal Investigator</p> <p>Dr. Vincent Singh Paramanandam</p> <p>Technical Officer C Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Sydney, Australia</p> <p>Date of approval October 27, 2017</p> <p>Total budget Nil</p> <p>Duration 12 months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
489.	Effectiveness of compression garment in preventing breast cancer-related lymphedema: a randomized controlled trial	
	<p>Principal Investigator</p> <p>Dr. Vincent Singh Paramanandam</p> <p>Technical Officer C Tata Memorial Hospital, Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Sydney, Australia</p> <p>Date of approval January 17, 2018</p> <p>Total budget Rs. 5,00,000</p> <p>Duration 48 months</p> <p>Subject area Oncology</p>
490.	MRI Abdominal fat in PMNS at 18 year follow up of PMNS participants: Subcutaneous abdominal fat is strongly associated with prediabetes than visceral fat	
	<p>Principal Investigator</p> <p>Dr. Chittaranjan Yajnik</p> <p>Director K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>University of Westminster, UK</p> <p>Date of approval February 19, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Cardiovascular Diseases/ Diabetes</p>

S. No.	Details of the Project	
491.	PREDICT: Surveillance for Emerging Zoonotic Disease Threats and Behavioral Risk Characterization in High-risk Communities in India	
	<p>Principal Investigator</p> <p>Dr. Tapan Kumar Nirodhchand Dhole</p> <p>Professor & Head Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow- 226014 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>US Agency for International Development (USAID), USA</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 9,63,16,130</p> <p>Duration 36 months</p> <p>Subject area Zoonotic Disease</p>
492.	Evaluation of the Efficacy and Safety of a Combination regimen of Bedaquiline, Delamanid, Linezolid and Clofazimine in Adults with Pre-extensive (Pre-XDR) and Extensively Drug-resistant Pulmonary Tuberculosis (XDR-TB): Prospective Cohort Study	
	<p>Principal Investigator</p> <p>Dr. Padma Chandrasekaran</p> <p>Scientist E ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>USAID through UN-Office of Project Services-STOP TB partnership</p> <p>Date of approval February 19, 2020</p> <p>Total budget Rs. 7,61,04,490</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
	Approved with conditions.	

S. No.	Details of the Project	
493.	Vaccine Impact on Cognition and Schooling: A pilot study in India	
	<p>Principal Investigator</p> <p>Dr. Rajeev Seth</p> <p>Managing Trustee Bal Umang Drishya Sanstha (BUDS), New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>Value of Vaccines Research Network and Harvard School of Public Health and Bill and Melinda Gates Foundation</p> <p>Date of approval April 24, 2020</p> <p>Total budget Rs. 14,20,200</p> <p>Duration 6 Months</p> <p>Subject area Child Health</p>
494.	To establish a National Registry for patients with Cystic Fibrosis in the Indian sub-continent	
	<p>Principal Investigator</p> <p>Dr. Sushil K Kabra</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Vertex Innovation Award, UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 43,96,600</p> <p>Duration 30 months</p> <p>Subject area Child Health</p>
	Approved with condition.	

S. No.	Details of the Project	
495.	A prospective evaluation of a point of care saliva-based detection test based on soluble CD44 (OncAlert) for the presence of disease in a previously untreated oral cavity and oropharynx squamous cell carcinoma - Detect44-TMH	
	<p>Principal Investigator</p> <p>Dr. Sudhir Vasudevan Nair</p> <p>Associate Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Vigilant Biosciences Inc, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 16,90,000</p> <p>Duration 24 months</p> <p>Subject area Oncology</p>
	Approved with conditions.	
496.	Influence Of Nutrition And Sarcopenia On Esophageal Cancer Outcomes (INSPECT Study)	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Virginia Mason Medical Center, USA</p> <p>Date of approval March 13, 2019</p> <p>Total budget Nil</p> <p>Duration 15 months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
497.	ECCG Complications Platform and Quality Measures: What is the Contemporary Incidence of Complications at High Volume Esophagectomy Centers? Esophagectomy Complications Consensus Group (ECCG)	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Virginia Mason Medical Center, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 23,57,000</p> <p>Duration 120 months</p> <p>Subject area Oncology</p>
498.	Clinical phenotypes and genetic regulation of endometriosis in Indian women	
	<p>Principal Investigator</p> <p>Dr. Rahul Gajbhiye Krishnaji Gajbhiye</p> <p>Scientist D National Institute of Research in Reproductive Health (ICMR-NIRRH), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust DBT India Alliance Clinical and public Health Intermediate Fellowship Grant</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 3,65,93,612</p> <p>Duration 60 months</p> <p>Subject area Epidemiology and Genomics</p>
	Approved with condition.	

S. No.	Details of the Project	
499.	Data platforms to improve treatment outcomes in neglected tropical diseases	
	<p>Principal Investigator</p> <p>Dr. Shyam Sundar</p> <p>Professor and Dean Banaras Hindu University, Varanasi-221005 Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval December 17, 2018</p> <p>Total budget Rs. 27,66,998</p> <p>Duration 24 months</p> <p>Subject area Leishmaniasis</p>
	Approved with suggestions.	
500.	Sustainable and Healthy Food Systems (SHEFS)	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Project Manager Centre for Chronic Disease Control (CCDC), New Delhi- 110016</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 61,68,222</p> <p>Duration 36 months</p> <p>Subject area Nutrition</p>
	Approved with suggestion.	

S. No.	Details of the Project	
501.	Premium for Adolescents (PRIDE)	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel</p> <p>Professor Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval June 11, 2019</p> <p>Total budget Rs. 7,53,58,680</p> <p>Duration 18 months</p> <p>Subject area Mental Health</p>
	Approved with suggestion.	
502.	Public Health Ethics in India- Establishing Linkages and Synergies (small grant in humanities)	
	<p>Principal Investigator</p> <p>Dr. Shifalika Goenka</p> <p>Professor Public Health Foundation of India, New Delhi- 110017</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 26,62,000</p> <p>Duration 12 months</p> <p>Subject area Bioethics</p>
	Approved with condition.	

S. No.	Details of the Project	
503.	Developing a people centred governance mechanism for biobanks and genetic research with stored samples and data: A study in Bengaluru, South India	
	<p>Principal Investigator</p> <p>Dr. Manjulika Vaz</p> <p>Lecturer St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 9,05,895</p> <p>Duration 12 months</p> <p>Subject area Bioethics</p>
504.	LAMP – REP: Learn, Assess, Manage, Prevent for Relapse in Early Psychosis	
	<p>Principal Investigator</p> <p>Dr. Urvakhsh Meherwan Mehta</p> <p>Associate Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 2,78,95,758</p> <p>Duration 24 Months</p> <p>Subject area Mental Health</p>
	Approved with condition.	

S. No.	Details of the Project	
505.	Cancer Care in India: Accessibility, Affordability, Innovation (CCI Study)	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Professor Tata Memorial Centre (TMC), Mumbai- 400012 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 12,03,360</p> <p>Duration 8 months</p> <p>Subject area Oncology</p>
506.	Establishing objective measures for identifying children with Autism Spectrum Disorders using eye-tracking technology in the UK and India (EIRA: Eye-trackIng assessment for childRen with Autism)	
	<p>Principal Investigator</p> <p>Prof. Vikram Patel</p> <p>Professor Sangath, North Goa, Porvorim - 403501 Goa</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 5,54,030</p> <p>Duration 6 months</p> <p>Subject area Mental Health</p>
	Approved with condition.	

S. No.	Details of the Project	
507.	Feasibility Of Using Computer Aided Screening Tool For Detecting Abnormal Chest X Ray In Mobile Medical Units Under National Tb Prevalence Survey In India	
	<p>Principal Investigator</p> <p>Dr. Srikanth Prasad Tripathy</p> <p>Director ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>WITS CAD, South Africa</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 8 Months</p> <p>Subject area Artificial Intelligence</p>
508.	Leveraging Patients Social Networks to Overcome Tuberculosis Under-detection in India	
	<p>Principal Investigator</p> <p>Miss Tithee Mukhopadhyay</p> <p>Associate Director-Research Institute of Financial and Management Research, Chennai-600018 Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>World Bank, USA</p> <p>Date of approval May 1, 2018</p> <p>Total budget Rs. 1,71,88,400</p> <p>Duration 15 months</p> <p>Subject area Social & Behavioral Research</p>
	Approved with condition.	

S. No.	Details of the Project	
509.	Screening for Parkinsonism in a rural population of central Gujarat	
	<p>Principal Investigator</p> <p>Dr. Soaham Dilip Desai</p> <p>Professor and Head Shree Krishna Hospital and Charutar Arogya Mandal, Karamsad- 388325 Gujarat</p>	<p>Funding/Collaborating Agency</p> <p>World Federation of Neurology [WFN]</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 17,42,000</p> <p>Duration 8 months</p> <p>Subject area Neurology</p>
510.	Phase II & III Field evaluation of the efficacy and residual activity of Fludora Fusion for indoor spraying for malaria vector control in Gujarat State, India	
	<p>Principal Investigator</p> <p>Dr. Kamaraju Raghavendra</p> <p>Scientist G ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 26, 2018</p> <p>Total budget Nil</p> <p>Duration 18 months</p> <p>Subject area Vector Control</p>
	Approved for extension (till June, 2018) without additional cost. (Project was earlier approved by HMSC in September, 2016).	

S. No.	Details of the Project	
511.	To study genetic heterogeneity in kelch-13 and its flanking regions among Indian Plasmodium falciparum	
	<p>Principal Investigator</p> <p>Dr. Prashant Kumar Mallick</p> <p>Scientist C ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 16,12,148</p> <p>Duration 9 months</p> <p>Subject area Malaria</p>
512.	Evaluating the WHO Labour Care Guide in clinical settings	
	<p>Principal Investigator</p> <p>Dr. Shivaprasad Sadashivappa Goudar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 13,51,658</p> <p>Duration 3 months</p> <p>Subject area Maternal Health</p>
	Approved with condition.	

S. No.	Details of the Project	
513.	An international randomised trial of additional treatments for COVID-19 in hospitalised patients who are all receiving the local standard of care	
	<p>Principal Investigator</p> <p>Dr. Sheela Virendra Godbole</p> <p>Scientist F ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval April 24, 2020</p> <p>Total budget Nil</p> <p>Duration 9 Months</p> <p>Subject area COVID 19</p>
514.	Implementation research in India (Karnataka state) towards accelerating scale-up of Kangaroo Mother Care (KMC)	
	<p>Principal Investigator</p> <p>Dr. Prem Mony</p> <p>Professor & Head St John's Research Institute (SJRI), Bangalore- 560034 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 9,87,89,535</p> <p>Duration 24 months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
515.	Prevalence and outcomes of abnormal continuous wave Doppler flow indices in unselected obstetric populations in low and middle income countries: The Umbiflow International Study (A65924)	
	<p>Principal Investigator</p> <p>Dr. Yeshita Vijay Pujar</p> <p>Professor J.N. Medical College, Belgaum- 590010 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval September 10, 2018</p> <p>Total budget Rs. 53,95,350</p> <p>Duration 24 months</p> <p>Subject area Maternal Health</p>
	Approved with suggestions.	
516.	Implementation research on a government health program for management of high-risk pregnancies in tribal communities in Pune district: barriers, facilitators and scalability	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Associate Professor K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval December 11, 2019</p> <p>Total budget Rs. 65,28,151</p> <p>Duration 18 months</p> <p>Subject area Maternal Health</p>

S. No.	Details of the Project	
517.	Establishment of WHO Prequalification Laboratory at ICMR- National AIDS Research Institute for Performance Evaluations of the Diagnostic Tests	
	<p>Principal Investigator</p> <p>Dr. Raman Gangakhedkar</p> <p>Scientist G and Director in Charge ICMR-National AIDS Research Institute (ICMR-NARI), Plot No 73, G'-Block, MIDC Rd, MIDC, Bhosari, Pune- 411026 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 50,00,000</p> <p>Duration 60 months</p> <p>Subject area Infectious Diseases</p>
518.	Evaluation of a Typhoid Conjugate Vaccine (TCV) Introduction Program-Navi Mumbai, India	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director and Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010 West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval September 11, 2019</p> <p>Total budget Rs. 21,78,000</p> <p>Duration 24 months</p> <p>Subject area Infectious Diseases</p>

S. No.	Details of the Project	
519.	A study to examine dependence, harm perception and motivation to quit amongst Indian areca nut users and pilot test an intervention module	
	<p>Principal Investigator</p> <p>Dr. Sonali Jhanjee</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 11,26,295</p> <p>Duration 12 Months</p> <p>Subject area Psychiatry</p>
520.	WHO multi-centre study: Laboratory study to develop test protocols and determine discriminating concentrations of insecticides for monitoring resistance in Phlebotamus argentipes in India	
	<p>Principal Investigator</p> <p>Dr. Diwakar Singh Dinesh</p> <p>Scientist E ICMR-Rajendra Memorial Research Institute of Medical Sciences (ICMR-RMRIMS), Patna- 800007 Bihar</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 12, 2020</p> <p>Total budget Rs. 12,41,962</p> <p>Duration 7 Months</p> <p>Subject area Leishmaniasis</p>
	Approved with condition.	

S. No.	Details of the Project	
521.	Multi-centre Study: Determining discriminating concentrations in bottle assays for insecticide compounds that are unstable on filter papers, and for some selected compounds suitable for filter paper impregnation	
	<p>Principal Investigator</p> <p>Dr. Kamaraju Raghavendra</p> <p>Scientist G ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi-110077</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization Pesticide Evaluation Scheme (WHOPES)</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 20,08,500</p> <p>Duration 15 months</p> <p>Subject area Vector Control</p>
522.	Multi-centre Study: Determining discriminating concentrations in bottle assays for insecticide compounds that are unstable on filter papers, and for some selected compounds suitable for filter paper impregnation	
	<p>Principal Investigator</p> <p>Dr. Sreehari Uragayala</p> <p>Scientist C ICMR-National Institute of Malaria Research (ICMR-NIMR) Bangalore Unit, Kannamangala, Bangalore -562110 Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization Pesticide Evaluation Scheme (WHOPES)</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 11,78,000</p> <p>Duration 12 months</p> <p>Subject area Vector Control</p>

S. No.	Details of the Project	
523.	Determining discriminating concentrations in bottle assays for insecticide compounds that are unstable on filter papers, and for some selected compounds suitable for filter paper impregnation	
	<p>Principal Investigator</p> <p>Dr. Gunasekaran Kasinathan</p> <p>Scientist G ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry- 605006</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization Pesticide Evaluation Scheme (WHOPES)</p> <p>Date of approval June 26, 2018</p> <p>Total budget Rs. 13,20,000</p> <p>Duration 15 months</p> <p>Subject area Vector Control</p>
524.	To Evaluate the effect of Yakult® on the Immune System of Late Middle-aged Indian Adults	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Officer in Charge K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Yakult Honsha Co., Ltd, Japan</p> <p>Date of approval March 13, 2019</p> <p>Total budget Rs. 3,35,04,476</p> <p>Duration 12 months</p> <p>Subject area Immunology</p>

S. No.	Details of the Project	
525.	Evaluation of Immunological Parameters in Healthy Indian Adults	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Officer in Charge K E M Hospital Research Centre, Pune- 411011 Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Yakult Honsha Co., Ltd, Japan</p> <p>Date of approval August 30, 2017</p> <p>Total budget Rs. 1,15,70,510</p> <p>Duration 12 months</p> <p>Subject area Immunology</p>
	Approved with condition.	

Section 7

Facts & Figures

Fig.1 HMSC meetings held during August, 2017 to July, 2020 and projects considered/ approved

Sr. No.	Date of HMSC meetings	Projects considered	Projects approved
1	30 th Aug.,2017	56	51
2	27 th Oct.,2017	32	31
3	17 th Jan.,2018	17	11
4	1 st May,2018	51	48
5	26 th Jun.,2018	38	26
6	10 th Sep.,2018	34	27
7	17 th Dec.,2018	49	36
8	13 th Mar.,2019	64	52
9	11 th Jun.,2019	56	49
10	11 th Sep., 2019	53	38
11	11 th Dec., 2019	87	56
12	19 th Feb., 2020	37	28
13	24 th Apr., 2020 (through VC)	51	36
14	12 th Jun., 2020 (through VC)	59	36
Total		684	525

Fig.2 Number of international collaborative projects considered and approved by HMSC during August, 2017 to July, 2020

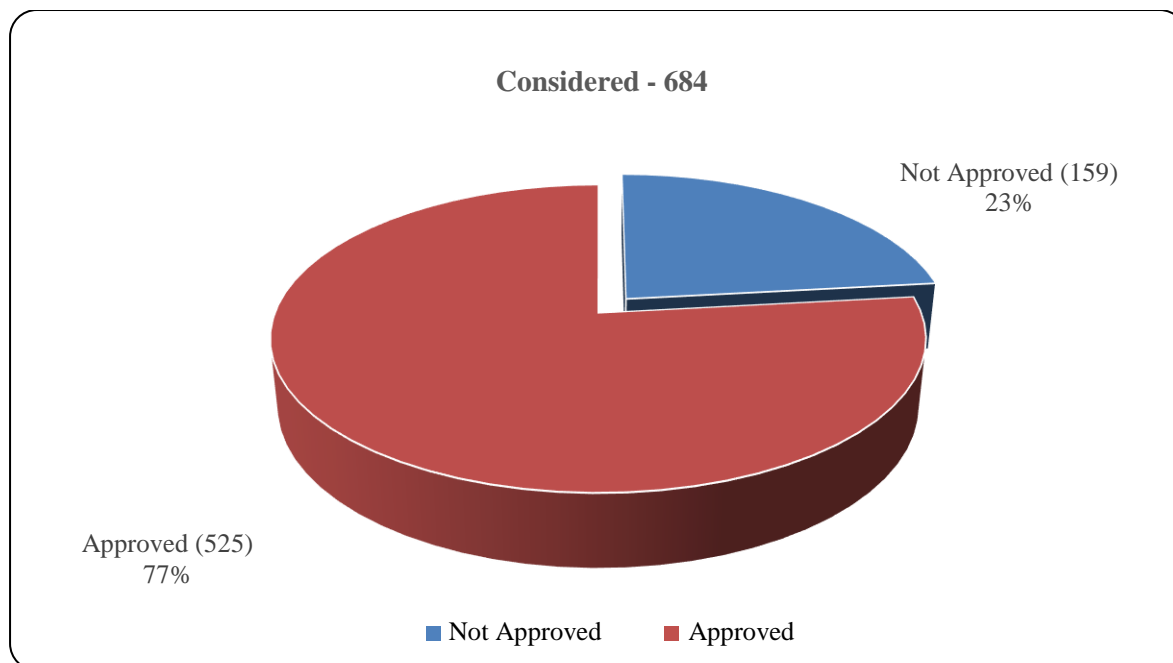


Fig.3 Number of international collaborative projects considered and approved by HMSC during August, 2017 to July, 2020

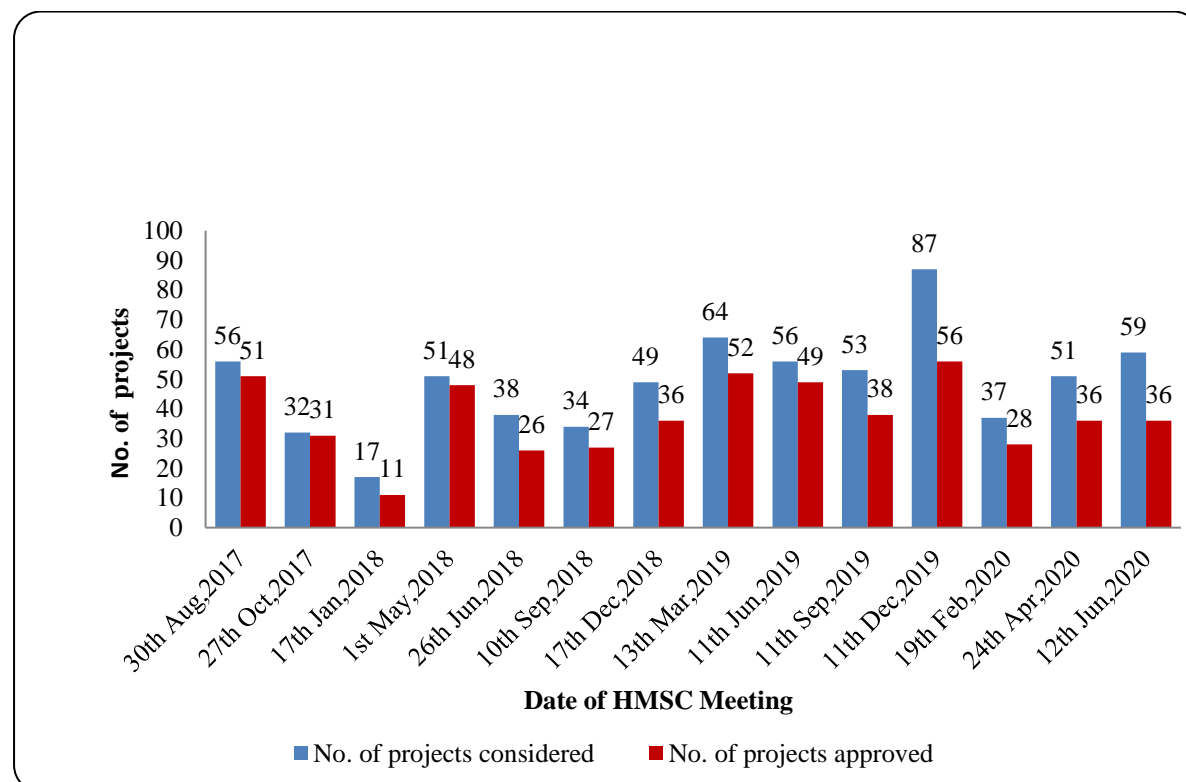


Fig.4 ICMR institution wise representation of number of international collaborative projects undertaken during August, 2017 to July, 2020

Sr. No.	ICMR Institutes	No. of projects approved
1	National Institute for Research in Tuberculosis (NIRT), No.1 Sathiyamoorthy Road Chetput, Chennai -600031, Tamil Nadu	18
2	National Institute of Malaria Research (NIMR) Sector-8, Dwarka New Delhi-110077 and its field station	13
3	National AIDS Research Institute (NARI), G-73, MICD Complex, Bhosari, Pune-411026, Maharashtra	11
4	National Institute of Cholera and Enteric Diseases (NICED), Kolkata -700010, West Bengal	7
5	Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agam Kuan, Patna-800007, Bihar	7
6	Indian Council of Medical Research (ICMR) Hqrs., Post Box No. 4911, Ansari Nagar, New Delhi -110029	6
7	Vector Control Research Centre (VCRC), Indira Nagar, Puducherry-605006	5
8	National Institute of Nutrition (NIN), Jamai-Osmania (P.O.), Tarnaka, Hyderabad-500007, Andhra Pradesh	5
9	National Institute of Epidemiology (NIE), Second Main Road, Tamil Nadu Housing Board, Ayapakkam, Near Ambattur, Chennai-600077, Tamil Nadu	4
10	Regional Medical Research Centre (RMRC), Chandrasekharapur, Bhubaneswar- 751023, Orissa	4
11	National Institute of Research in Tribal Health (NIRTH), Nagpur Road, Garha, Jabalpur- 482003, Madhya Pradesh	3
12	National Institute of Immunohematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012, Maharashtra	2
13	National Institute of Cancer Prevention and Research (NICPR), I-7, Sector - 39, Noida -201301, Uttar Pradesh	2
14	National Institute of Research in Reproductive Health (NIRRH), Jehangir Merwanji Street, Parel, Mumbai-400012, Maharashtra	2
15	Regional Medical Research Centre (RMRC), Nehru Nagar National Highway No.4, Belagavi-590010, Karnataka	1
16	Centre for Research in Medical Entomology (CRME), Madurai-625002, Tamil Nadu	1
17	National Institute of Occupational Health (NIOH), Meghani Nagar, Ahmedabad-380016, Gujarat	1
	Total	92

Fig.5 HMSC approved international collaborative projects undertaken by ICMR Institutes

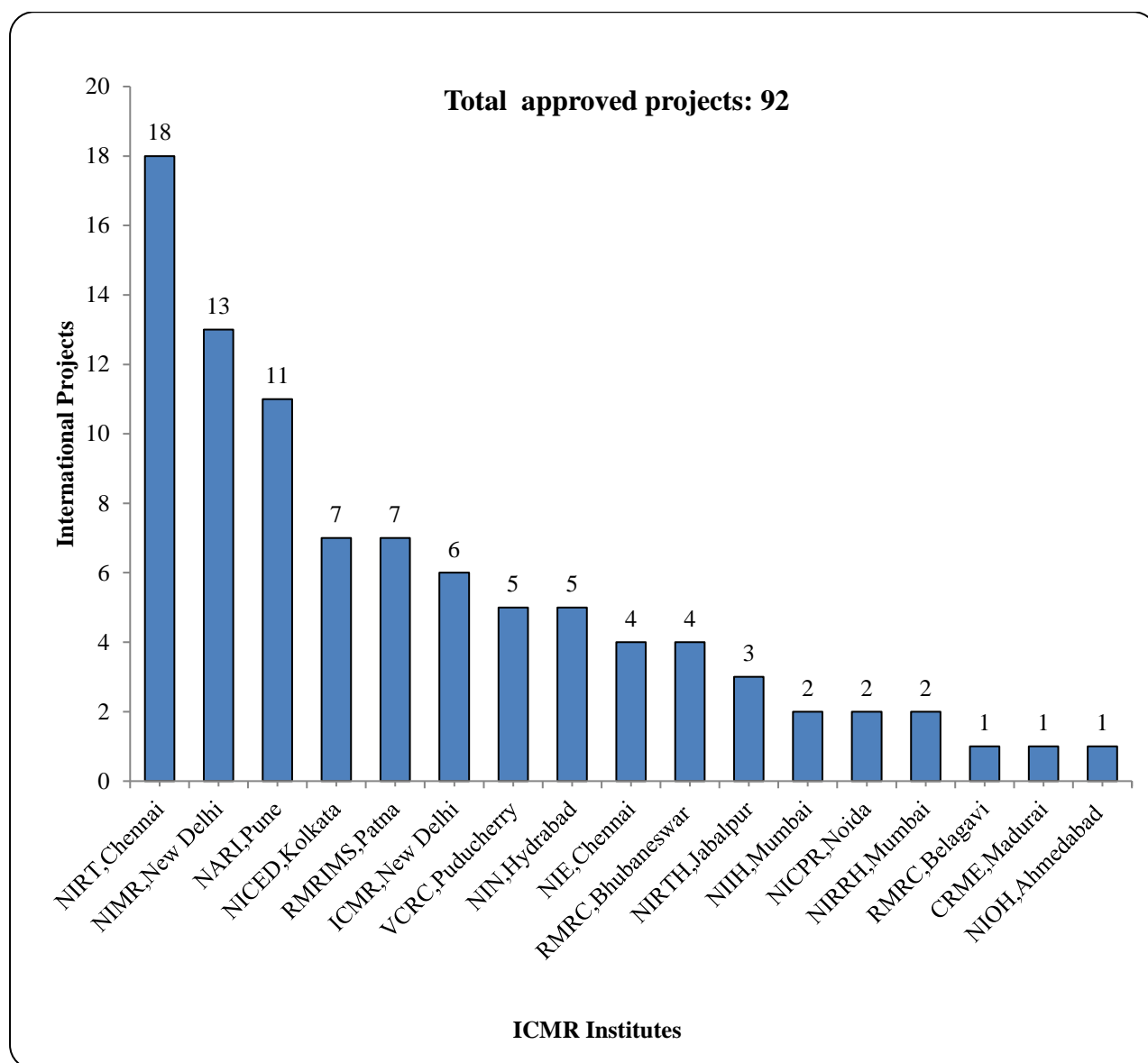


Fig.6 Non-ICMR institution wise representation of number of international collaborative projects undertaken during August, 2017 to July, 2020

Sr. No.	Indian Institutes	No. of projects approved
1	All India Institute of Medical Sciences (AIIMS), New Delhi-110029	50
2	Tata Memorial Centre (TMC), & Hospital, Mumbai- 400012, Maharashtra	40
3	St John's Medical College and Hospital, St John's Research Institute (SJRI), & St John's National Academy of Health Sciences, Bangalore- 560034, Karnataka	22
4	Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh-160012	19
5	Christian Medical College and Hospital, Vellore- 632004, Tamil Nadu	18
6	National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore- 560029, Karnataka	18
7	K E M Hospital Research Centre, Pune- 411011, Maharashtra	17
8	J.N. Medical College, Belgaum- 590010, Karnataka	11
9	Centre for Chronic Disease Control, New Delhi- 110016	11
10	Christian Medical College, Ludhiana- 141008, Punjab	10
11	Public Health Foundation of India, Gurgaon- 122002, Haryana	10
12	Kasturba Medical College and Hospital, Manipal- 576104, Karnataka	7
13	Sangath, North Goa- 403501	7
14	The George Institute for Global Health, New Delhi- 110025	7
15	Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry- 605006	6
16	Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram- 695011, Kerala	6
17	B.J. Medical College and Sassoon General Hospital, Pune- 411001, Maharashtra	6
18	Narayana Hrudayalaya Hospitals, Bangalore- 560099, Karnataka	5
19	YRG Centre for AIDS Research and Education (YRG CARE), Chennai- 600113, Tamil Nadu	5
20	International Centre for Genetic Engineering and Biotechnology, New Delhi- 110067	4

21	P D Hinduja National Hospital & Medical Research Centre, Mumbai- 400016, Maharashtra	4
22	Tata Medical Center, Kolkata- 700156, West Bengal	4
23	CSI Holdsworth Memorial Hospital, Mysore-570017, Karnataka	3
24	Dr Ram Manohar Lohia Hospital (RML), New Delhi- 110001	3
25	Institute of Public Health, Bangalore- 560070, Karnataka	3
26	Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS), Lucknow- 226014, Uttar Pradesh	3
27	Sankara Nethralaya - Vision Research Foundation, Chennai- 600006, Tamil Nadu	3
28	Sir Ganga Ram Hospital Sarhadi Gandhi Marg, Old Rajinder Nagar, New Delhi- 110060	3
29	The INCLEN Trust International, New Delhi- 110020	3
30	Amrita Institute of Medical Sciences and Research Centre, Kochi- 682041, Kerala	2
31	Bal Umang Drishya Sanstha (BUDS), New Delhi- 110016	2
32	Banaras Hindu University, Varanasi- 221005, Uttar Pradesh	2
33	Bhagwan Mahavir Medical Research Centre, Hyderabad- 500004, Telangana	2
34	Calcutta School of Tropical Medicine, Kolkata- 700073, West Bengal	2
35	Datta Meghe Institute of Medical Sciences, Nagpur- 440022, Maharashtra	2
36	Foundation for Medical Research, Mumbai- 400018, Maharashtra	2
37	Indian Institute of Public Health, Bhubaneswar- 751013, Orissa	2
38	Jawaharlal Nehru University (JNU), New Delhi-110067	2
39	Lady Hardinge Medical College, New Delhi-110001	2
40	Lata Medical Research Foundation, Nagpur- 440020, Maharashtra	2
41	Madras Diabetes Research Foundation, Chennai- 600014, Tamil Nadu	2
42	Regional Cancer Centre, Trivandrum- 695011, Kerala	2
43	Shree Krishna Hospital and Charutar Arogya Mandal, Karamsad- 388325, Gujarat	2
44	The Humsafar Trust, Mumbai- 400055, Maharashtra	2
45	Trivandrum Medical College, Thiruvananthapuram- 695011, Kerala	2

46	Vardhaman Mahavir Medical College & Safdarjung Hospital, New Delhi- 110029	2
47	National Institute of Tuberculosis and Respiratory Diseases (NITRD), New Delhi- 110030	2
48	Arogyavaram Medical Centre, Chittoor- 517330, Andhra Pradesh	2
49	CSIR-Central Drug Research Institute, Lucknow- 226031, Uttar Pradesh	2
50	Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Navi Mumbai- 400012, Maharashtra	1
51	All India Institute of Medical Sciences (AIIMS), Jodhpur- 342005, Rajasthan	1
52	All India Institute of Medical Sciences (AIIMS), Patna- 801507, Bihar	1
53	All India Institute of Medical Sciences (AIIMS), Raipur- 492099, Chhattisgarh	1
54	Apnalaya, Mumbai- 400036, Maharashtra	1
55	Apollo Hospitals Enterprises Limited, Mumbai- 400034, Maharashtra	1
56	Aravind Eye Hospital & PG Institute of Ophthalmology, Madurai- 625020, Tamil Nadu	1
57	Aravind Medical Research Foundation (AMRF), Madurai- 625020, Tamil Nadu	1
58	ASHWINI, Gudalur Adivasi Hospital, Nilgiris- 643212, Tamil Nadu	1
59	Bai Jerbai Wadia Hospital for Children and Institute of Child Health, Mumbai- 400012, Maharashtra	1
60	Bangalore Baptist Hospital Bellary Road Hebbal, Bangalore- 560024, Karnataka	1
61	BLDEs Shri B M Patil Medical College Hospital and Research Centre, Bijapur- 586103, Karnataka	1
62	Blue Peter Research Centre (LEPRA Society), Cherlapally- 501301, Telangana	1
63	Cancer Institute (WIA) Foundation, Chennai- 600036, Tamil Nadu	1
64	Center for Communication and Change - India, New Delhi- 110016	1
65	Central Institute of Psychiatry, Ranchi- 834006, Jharkhand	1
66	Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad- 500039, Telangana	1
67	Centre for Health Research and Development, Society of Applied Studies, New Delhi-110016	1
68	Centre for Human Genetics, Bangalore- 560100, Karnataka	1
69	Devki Devi Foundation, Max Super Speciality Hospital, New Delhi- 110017	1
70	Dr DY Patil Medical College, Pune- 411018, Maharashtra	1

71	Dr Shroff Charity Eye Hospital, New Delhi- 110002	1
72	Durbar Mahila Samanwaya Committee, Kolkata- 700006, West Bengal	1
73	DY Patil Dental College & Hospital, Mumbai- 400706, Maharashtra	1
74	EN1 Neuro Services Pvt. Ltd., Mumbai- 400070, Maharashtra	1
75	G B Pant Hospital, New Delhi- 110002	1
76	Government Medical College and General Hospital, Nagpur- 440003, Maharashtra	1
77	Government Medical College, Thiruvananthapuram- 695011, Kerala	1
78	Govt. Medical College , Bhavnagar-364001, Gujarat	1
79	HRIDAY, New Delhi- 110049	1
80	India HIV/AIDS Alliance, New Delhi- 110049	1
81	Indian Institute of Chemical Technology, Hyderabad- 500007, Telangana	1
82	Indian Institute of Public Health, Hyderabad- 500033, Telangana	1
83	Indian Institute of Sciences, Bangalore- 560012, Karnataka	1
84	Indian Institute of Technology, Mumbai- 400076, Maharashtra	1
85	Indian Institute of Technology, New Delhi- 110016	1
86	Indian Institute of Technology, Roorkee- 247667, Uttarakhand	1
87	Indian Institute of Toxicology Research, Lucknow- 226001, Uttar Pradesh	1
88	Indian Law Society (ILS), Pune- 411004, Maharashtra	1
89	Indian School of Business, Hyderabad- 500032, Telangana	1
90	Institute for Social and Economic Change, Bangalore – 560072, Karnataka	1
91	Institute of Financial and Management Research, Chennai- 600018, Tamil Nadu	1
92	Institute of Home Economics, New Delhi- 110016	1
93	International Institute for Population Sciences, Mumbai- 400088, Maharashtra	1
94	IPE Global Limited, New Delhi- 110024	1
95	Jan Swasthya Sahyog, Ganiyari, Bilaspur- 495112, Chhattishgarh	1

96	JSS Academy of Higher Education & Research, Mysore- 570015, Karnataka	1
97	JSS Medical College, Mysore- 570015, Karnataka	1
98	K S Hegde Medical Academy, Mangalore-575018, Karnataka	1
99	Kings College of Engineering, Pudukkottai-613303, Tamil Nadu	1
100	L V Prasad Eye Institute, Bhubaneswar-751024, Orissa	1
101	L V Prasad Eye Institute, Hyderabad-500034, Telangana	1
102	Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai- 400022, Maharashtra	1
103	M. R. Ambedkar Dental College and hospital, Bangalore- 560005, Karnataka	1
104	M.S. Ramaiah Medical College and Hospital, Bangalore-560054, Karnataka	1
105	Manipal College of Pharmaceutical Sciences (MCOPS) & Manipal Academy of Higher Education, Udupi – 576104, Karnataka	2
106	Maulana Azad Medical College, New Delhi-110002	1
107	Meditation Aids Health Addiction Nutrition, Amrawati- 444702, Maharashtra	1
108	Mobility India-Rehabilitation, Research & Training Centre, Bangalore-560078, Karnataka	1
109	Narotam Sekhsaria Foundation, Mumbai- 400021, Maharashtra	1
110	National Centre for Cell Science, Pune- 411007, Maharashtra	1
111	NICE Foundation, Hyderabad- 500057, Telangana	1
112	Oxford Policy Management Private Limited, New Delhi-110049	1
113	Perinatal Trials Unit Foundation, Bangalore- 560067, Karnataka	1
114	Piramal Swasthya Management and Research Institute, Hyderabad- 500073, Telangana	1
115	Poona Hospital and Research Center, Pune- 411030, Maharashtra	1
116	PSG Institute of Medical Sciences & Research, Coimbatore- 641004, Tamil Nadu	1
117	Pt B D Sharma PGIMS, Rohtak-124001, Haryana	1
118	R.D. Gardi Medical College, Ujjain- 456001, Madhya Pradesh	1
119	Regional Institute of Ophthalmology, Thiruvananthapuram- 695035, Kerala	1
120	Samarth, Chennai- 600004, Tamil Nadu	1

121	Sambodhi Research & Communications Pvt. Ltd, Sector- 2, Noida- 201301, Uttar Pradesh	1
122	Sangath, New Delhi- 110016	1
123	Schizophrenia Research Foundation, Chennai- 600102, Tamil Nadu	1
124	Snehita Women's Health Foundation, Thiruvananthapuram- 695011, Kerala	1
125	Sri Ramachandra Medical College and Research Institute, Chennai- 600116, Tamil Nadu	1
126	Sri Sathya Sai Institute of Higher Medical Sciences, EPIP Area, Whitefield, Bangalore- 560066, Karnataka	1
127	Srimanta Sankaradeva University of Health Sciences, Guwahati- 781032, Assam	1
128	Tata Institute of Fundamental Research, Hyderabad- 500107, Telangana	1
129	Tata Institute of Fundamental Research, Mumbai-400005, Maharashtra	1
130	Tata Trusts, Mumbai- 400001, Maharashtra	1
131	Translational Health Science and Technology Institute (THSTI), Gurgaon- 121001, Haryana	1
132	Vision Research Foundation, Chennai- 600006, Tamil Nadu	1
133	Yenepoya Medical College, Yenepoya University, Mangalore- 575018, Karnataka	1
	Total	433

Fig.7 Number of international collaborative projects undertaken by ICMR and Non-ICMR institutions during August, 2017 to July, 2020

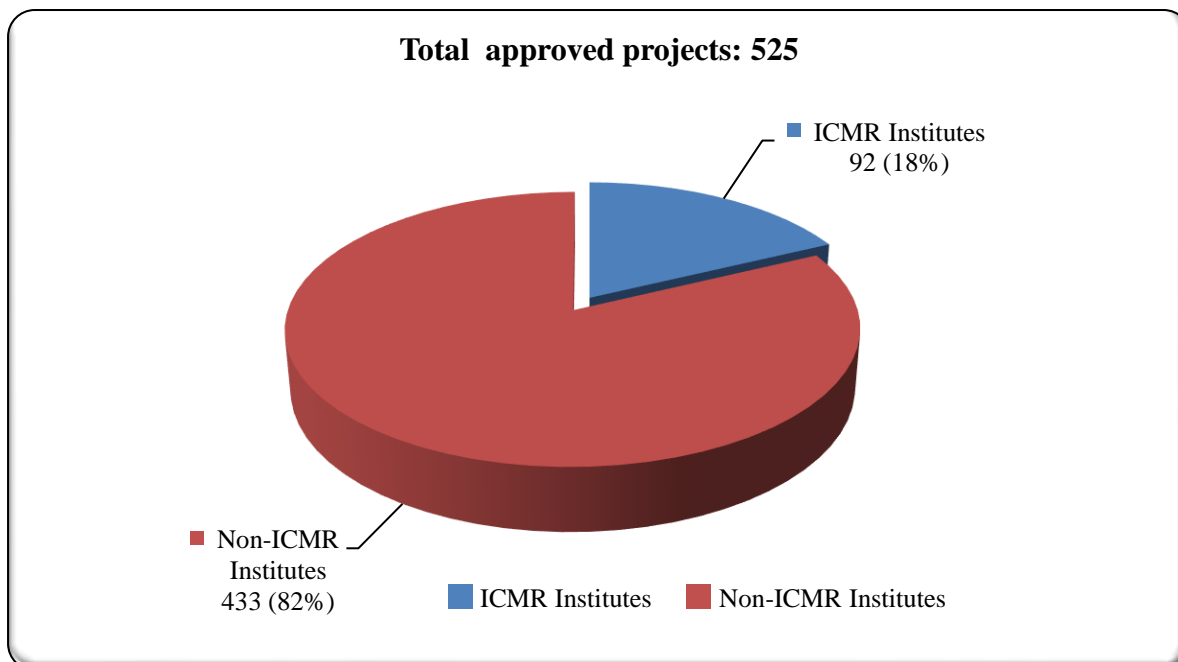
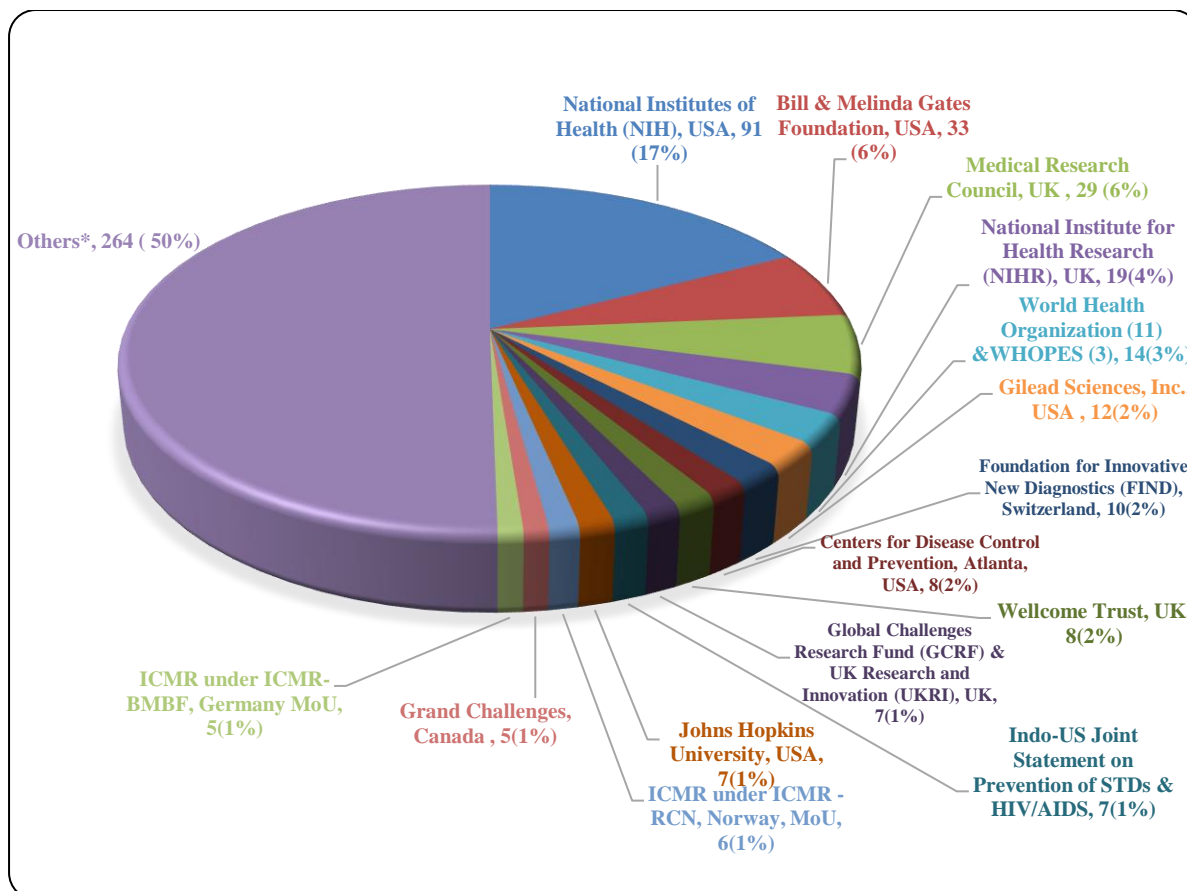


Fig.8 Funding agency wise representation of projects approved by HMSC during August, 2017 to July, 2020

Sr. No.	Funding Agency	No. of projects approved
1.	National Institutes of Health (NIH), USA	91
2.	Bill & Melinda Gates Foundation (BMGF), USA	33
3.	Medical Research Council (MRC), UK	29
4.	National Institute for Health Research (NIHR), UK	19
5.	World Health Organization (11) & WHOPEPES (3)	14
6.	Gilead Sciences, Inc., USA	12
7.	Foundation for Innovative New Diagnostics (FIND), Switzerland	10
8.	Centers for Disease Control and Prevention (CDC), Atlanta, USA	8
9.	Wellcome Trust, UK	8
10.	Global Challenges Research Fund (GCRF) & UK Research and Innovation (UKRI), UK	7
11.	Indo-US Joint Statement on Prevention of STDs & HIV/AIDS	7
12.	Johns Hopkins University, USA	7
13.	ICMR under ICMR-Research Council of Norway (RCN), Norway MoU	6
14.	Grand Challenges, Canada	5
15.	ICMR under ICMR-BMBF, Germany MoU	5
16.	Others*	264
Total		525

Fig.9 Funding agency wise representation of projects approved by HMSC during August, 2017 to July, 2020



*Other funding agencies include Medtronic Foundation, USA; University of Oxford, UK; Yakult Honsha Co., Ltd., Japan; University of Southampton, UK; Johnson & Johnson Pvt. Ltd., Singapore; Baxter Healthcare Corporation, UK etc.

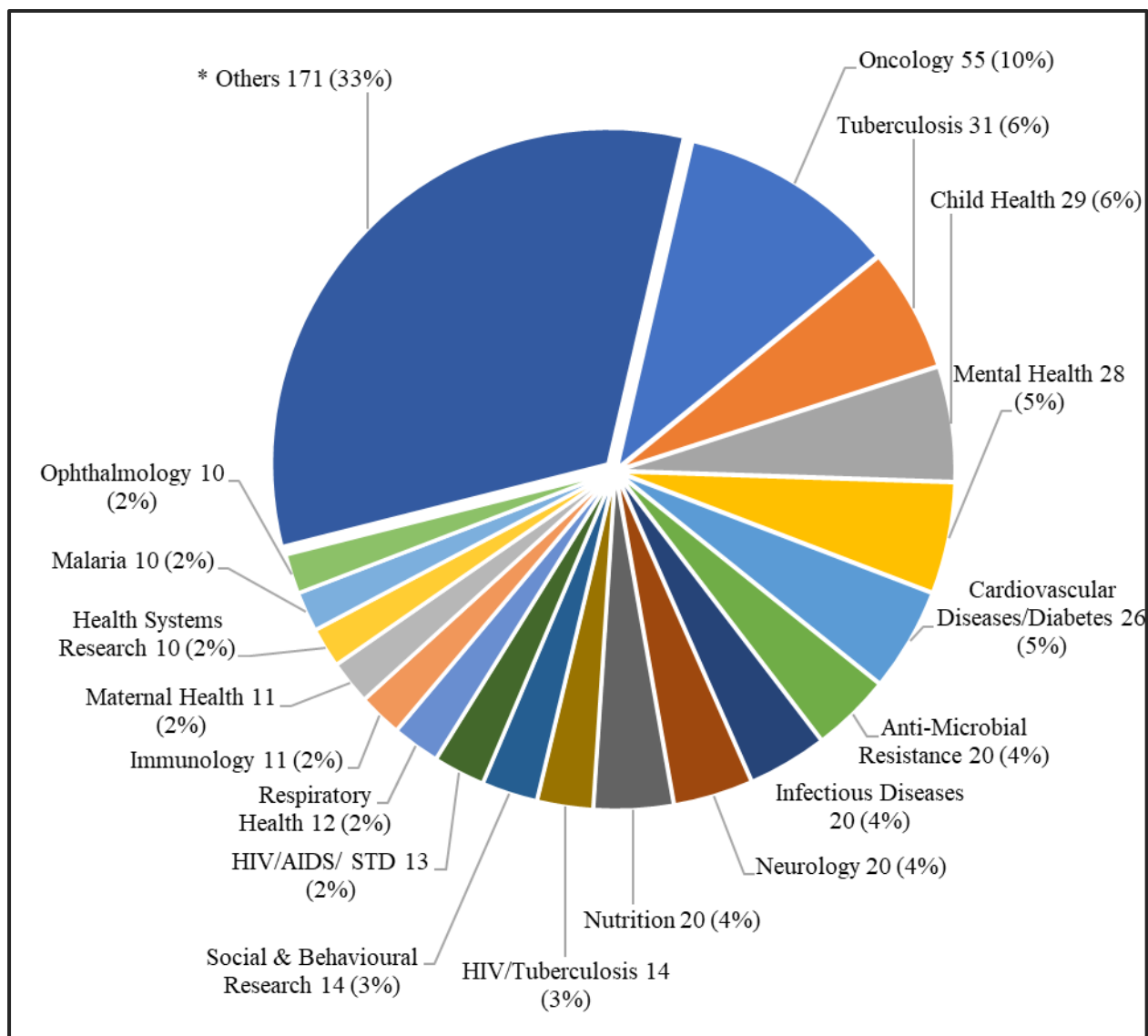
Fig.10 Specific Subject area wise representation of projects approved by HMSC during August, 2017- July, 2020

Sr. No.	Subject Area	No. of projects approved
1.	Oncology	55
2.	Tuberculosis	31
3.	Child Health	29
4.	Mental Health	28
5.	Cardiovascular Diseases (19) & Cardiovascular Diseases / Diabetes (7)	26
6.	Anti-Microbial Resistance	20
7.	Infectious Diseases	20
8.	Neurology	20
9.	Nutrition	20
10.	HIV/ Tuberculosis	14
11.	Social & Behavioural Research	14
12.	HIV/AIDS/ STD	13
13.	Respiratory Health	12
14.	Immunology	11
15.	Maternal Health	11
16.	Health Systems Research	10
17.	Malaria	10
18.	Ophthalmology	10
19.	Gastroenterology	9
20.	Leishmaniasis	9
21.	Vector Control	9
22.	Diabetes	8
23.	m-Health/Chronic diseases	7
24.	Vaccine Development	7
25.	Nephrology	5
26.	Neurosurgery	5
27.	Psychiatry	5
28.	Trauma	5
29.	Environmental Health	4

30.	Genomics	4
31.	m-Health	4
32.	Orthopaedics	4
33.	Parasitic Infections	4
34.	Reproductive Health	4
35.	Basic Sciences	3
36.	Dermatology	3
37.	Diarrheal Diseases	3
38.	Genetics	3
39.	Geriatrics	3
40.	Haematology	3
41.	Leprosy	3
42.	Mycology	3
43.	Neurosciences	3
44.	Pneumonia	3
45.	COVID 19	3
46.	Bioethics	2
47.	Critical Care	2
48.	Dengue	2
49.	Filariasis	2
50.	Hepatitis	2
51.	Rehabilitation	2
52.	Tobacco Control	2
53.	Virology	2
54.	Zoonotic Disease	2
55.	Translational Research	1
56.	Adolescent Health	1
57.	Artificial Intelligence	1
58.	Asthma	1
59.	Autopsy	1
60.	Bacteriology	1
61.	Bioinformatics	1

62.	Capacity Building	1
63.	Diseases Burden	1
64.	Drowning	1
65.	Epidemiology and Genomics	1
66.	Implementation Science	1
67.	Infant Mortality	1
68.	Influenza	1
69.	Iron-deficiency anemia	1
70.	Life Style Diseases	1
71.	Maternal/Child Health	1
72.	Metabolic Disorder	1
73.	NCD Surveillance	1
74.	Nutrition/ Tuberculosis	1
75.	One Health	1
76.	Oral Health	1
77.	Palliative Care	1
78.	Pharmacology	1
79.	Rheumatology	1
80.	Stem Cell Research	1
81.	Surgical Site Infection Prevention	1
	Total	525

Fig.11 Specific Subject Area wise representation of projects approved by HMSC during August, 2017 to July, 2020



* Other areas include subject areas with less than 10 projects such as Gastroenterology, Leishmaniasis, Vector Control, Diabetes, m-Health/Chronic diseases, Vaccine Development, Nephrology, Neurosurgery, Psychiatry, Trauma, Environmental Health etc.

Summary of International Collaborative Research under Projects Approved by Health Ministry's Screening Committee (HMSC) during August, 2017 to July, 2020

This chapter summarizes the trends observed in international collaborative research undertaken by Indian PIs during the past three years.

The Health Ministry's Screening Committee (HMSC) granted approval to 525 out of 684 proposals considered for international collaboration during its fourteen meetings held during August 2017 to July, 2020. The overall approval rate of projects was 77%.

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 having the valid FCRA and empanelment with NITI Darpan, GoI.

Among the Non-ICMR institutions, All India Institute of Medical Sciences (AIIMS), New Delhi undertook the maximum number of international collaborative projects (50) among the Indian research institutions during the said period followed by Tata memorial Centre (TMC), Mumbai (40); St John's Medical College and Hospital, Bangalore (22); Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh (19); Christian Medical College and Hospital, Vellore (18); National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore (18) and so on.

During the period, 92 international collaborative projects were undertaken by various ICMR institutions and the maximum numbers of 18 projects were carried out at ICMR- National Institute for Research in Tuberculosis (NIRT) Chennai and its various field stations, followed by National Institute of Malaria Research (NIMR) New Delhi and its various field stations with 13 projects and National AIDS Research Institute (NARI), Pune with 11 projects and so on.

Out of 525 approved international research projects, 20 projects are being co-funded by ICMR under various MoUs and Joint Statements.

As per our data, we see an upward shift towards the collaborative research projects aiming at various Non-Communicable Diseases. This shift coincides with the recent report of WHO that NCDs are the leading causes of death globally and also the 2030 Agenda for Sustainable Development Goals recognizes NCDs as a major challenge for sustainable development.

Subject Area wise breakup of 525 approved projects is given below:

1. Non-Communicable Diseases

In the area of **Non-Communicable Diseases (NCDs)**, 219 out of 525 approved projects (41.71%) were conducted in different areas of NCDs during this period.

Among NCDs, the area of **Oncology** topped the list with 55 projects, with studies focused on epidemiology, diagnosis, screening, identification of biomarkers and clinical studies on newer technologies/therapies. The establishment of registries has also been undertaken which will be useful for future studies and management of disease. These studies would help in designing appropriate interventions/measures and policies to control the disease.

In the area of **Neurosciences**, 28 international collaborative projects were approved. These projects focused on diagnostics, genomics, neurological developments, studies on prevention and improving current neurological treatment and therapies.

In the area of **Mental Health**, 28 approved projects mainly focused on depression, ataxia disease, schizophrenia, cognitive disorders, adolescent mental health with an aim to improve health and socio- economic outcome related to this area.

In the area of **Cardiovascular Diseases (CVDs)**, 26 international collaborative projects were approved which mainly focused on intervention strategies, hypertension management studies, clinical trials that covered the genomics and molecular biology approach of research in this area.

In the area of **Respiratory Health**, 12 international collaborative research projects were approved mainly focusing on management and control, prevalence, burden of disease and prevention studies.

There were studies undertaken in other areas like **Ophthalmology** (10), **Gastroenterology** (9), **Diabetes** (8) **Nephrology** (5), **Psychiatry** (5), **Trauma** (5), **Environmental Health** (4), **Orthopaedics** (4), **Geriatrics** (3), **Critical Care** (2), **Rehabilitation** (2), **Tobacco Control** (2), **Translational Research** (1), **Asthma** (1), **Autopsy** (1), **Disease Burden** (1), **Life Style Diseases** (1), **Metabolic Disorder** (1), **NCD Surveillance** (1), **Oral Health** (1), **Palliative Care** (1), **Rheumatology** (1) and **Surgical Site Infection Prevention** (1), focusing on clinical trial, molecular biology, and preventive studies of these diseases.

2. Communicable Diseases

In the area of **Communicable Diseases** number of projects approved were 166 out of 525 projects (31.61%).

Among **Communicable Diseases**, the area of **Tuberculosis** topped the list with 31 projects approved for developing newer diagnostic accuracy tools, NGS solutions for diagnosis of drug resistance, immunology, and development of novel drugs.

In the area of **HIV and Co-Infections**, 27 research projects were approved mainly focusing on immunology, basic sciences, vaccine development and socio behavioral studies.

In the area of **Anti-Microbial Resistance**, 20 research projects were approved mainly focusing on use and antibiotic prescriptions in fever and tracking antibiotic use in infants.

In the area of **Infectious Diseases**, 20 research projects were approved mainly in the areas of transmitted helminth infections, typhoid, rabies and yeast infections etc.

In the area of **Malaria**, 10 research projects were approved with main focus on areas like diagnostics, genomics and drug resistance.

There were few projects recently approved by HMSC in 2020 on COVID-19 related research which is a newer area and public health emergency at present.

Other research projects in communicable diseases were focused on other areas like **Leishmaniasis** (9), **Vector Control** (9), **Vaccine Development** (7), **Parasitic Infections** (4), **Diarrheal Diseases** (3), **Leprosy** (3), **Mycology** (3), **Pneumonia** (3), **COVID-19** (3), **Dengue** (2), **Filariasis** (2), **Hepatitis** (2), **Virology** (2), **Zoonotic Disease** (2), **Bacteriology** (1), **Epidemiology and Genomics** (1), **Influenza** (1), **One Health** (1)

The results of all these collaborative projects may help researchers and policy-makers to translate the findings into policies and programmes .

3. Reproductive and Child Health

In the area of **Reproductive and Child Health**, 47 projects were approved representing 9% of the total approved projects in the said period. These projects were mainly to reduce infant and maternal mortality/infections, reducing pre-eclampsia during pregnancy and neonatal outcomes, improving outcomes in pregnant women and micronutrient requirements.

4. Basic Medical Sciences

In the area of **basic sciences**, 31 projects (5.90%) were approved. There were few projects mainly on pure basic sciences (3), others included in the area of **Immunology** (11), **Genomics** (4), **Dermatology** (3), **Genetics** (3), **Haematology** (3), **Pharmacology** (1), **Stem Cell Research** (1), which were focused on molecular genetics, development of diagnostics and biomarker studies.

5. Nutrition

In the area of **Nutrition**, 21 projects (4%) were approved focusing on bioavailability/supplementation of micronutrients, role of nutrients, gut dysfunction and the gut microbiome in determining health outcomes in undernutrition. The collaborative research may be of help for development of nutrition policies and intervention programmes.

Other areas

There were a few projects in other areas such as **Social Behavioural Research** (14), **mobile-Health/Chronic diseases** (11) and **Health Systems Research** (10) aiming to improve the Indian health system to tackle the health needs of the people. These projects were on training in **Bioethics** (2) for capacity building in this particular area and four projects one each in the areas of **Bioinformatics, Implementation Science, Drowning, Capacity Building** were approved.

A large part on the burden of disease caused by NCDs can be avoided by preventive measures, early diagnosis and detection and mainly by controlling risk factors, so more cost-effective studies may be the need of future to tackle these diseases.

The burden of communicable diseases can be lowered by development of new vaccines and medicines, improvement of environmental conditions and also the need of the hour is the global efforts for public health preparedness and response to emerging & re-emerging infections and handling of outbreak/pandemic.

International collaboration enables researchers/ scientists across the globe to share their knowledge and combine different perspectives to solve research questions that are increasingly cross-disciplinary in nature. With the digitalization age, the international collaboration has become even more easier and need of the hour to provide global solutions.

Quick Response Code:



Policy Document

Indian J Med Res 151, June 2020, pp 550-553

DOI: 10.4103/ijmr.IJMR_654_20

Indian Council of Medical Research's International Collaboration & Partnerships; Health Ministry's Screening Committee: Facts, figures & procedures

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Received March 12, 2020

There is a great interest among various international agencies/countries in developing partnership with Indian research organizations, particularly with the Indian Council of Medical Research (ICMR) for biomedical research. The ICMR is actively involved in governance and co-ordination of partnerships with several international organizations and agencies. Various MoUs (Memorandum of Understanding)/agreements of ICMR with international partners bring together the researchers and resources towards progression through shared research and innovation agenda. Growing collaboration during recent years is reflected through increased number of internationally funded/technically coordinated research projects in health research. However, for any international collaborative research study to be undertaken in India, certain regulatory requirements are to be fulfilled. This article summarizes the international partnerships of ICMR as well as the details of guidelines regarding submission of international collaborative research projects for the Health Ministry's Screening Committee (HMSC), which is a mandatory requirement before undertaking such projects.

Key words Collaboration - HMSC - international - partnership - research

The international collaborations are sought under bilateral, multilateral and/or regional collaborative framework to facilitate and strengthen interactions among governments, academia, institutions and industries in the research areas of mutual interest. Currently, India has several bilateral Science and Technology (S&T) cooperation agreements with other countries. The Indian Council of Medical Research (ICMR) operates in close cooperation with the Ministry of Health and Family Welfare (MoHFW), Ministry of Science and Technology

(MoST), Ministry of External Affairs, Government of India (GoI), Indian missions abroad and foreign missions in India for the international collaborations. The biomedical health science research prominently figures in all bilateral agreements in the field of S&T. In addition, there are a few specific agreements signed by the MoHFW with other countries as well as those signed directly by the ICMR with its counterpart international organizations/institutions. Currently, there are 23 MoUs (Memorandum of Understanding)/LoIs (Letters of Intent)/Joint

Statements signed by the ICMR with various international organizations/institutes (<https://main.icmr.nic.in/content/guidelines>). These agreements/MoUs/LoIs are for: (i) exchange of scientific information; (ii) exchange of scientists/technicians for training under the projects; (iii) joint execution of scientific projects including support in the procurement of scientific equipment; and (iv) organization of joint scientific meetings, seminars, workshops and symposia in identified subjects of cooperation.

The HMSC is an inter-ministerial, high-level committee, constituted by the MoHFW, GoI, in the early 1980s. The purpose of this Committee is to consider and carry out screening of all projects in the field of health research involving foreign assistance and/or collaboration as well as periodically monitor the implementation and progress of bilateral agreements, extension of ongoing research projects and endorsement of transfer of human biological material.

Composition of HMSC

The ICMR acts as the technical arm for the HMSC and conducts technical review of the collaborative research projects. The International Health Division (IHD) in the ICMR Headquarters, New Delhi, is the Secretariat for HMSC and facilitates organization of meetings and placement of collaborative research projects before this Committee as a mandatory requirement. The international collaborative health research projects are scientifically evaluated/scrutinized by the Scientific Divisions at the ICMR Headquarters in the respective subject areas.

In October 2013, the MoHFW, GoI, approved the composition (also the current one) of the HMSC with the Secretary, Department of Health Research (DHR) as the chairman with the following members: Secretary, Health and Family Welfare or nominee; Additional Secretary and Director-General (DG), National AIDS Control Organisation (NACO) or nominee; Secretary, AYUSH or nominee, Ministry of AYUSH; DG of Health Services or nominee; Joint Secretary, DHR or nominee; DG of Armed Forces and Medical Services or nominee; Joint Secretary or Deputy Commissioner, Family Planning or nominee; representative, Ministry of External Affairs (MEA) Coordination Division; representative, Department of Economic Affairs (DEA), Ministry of Finance; representative, Department of Biotechnology (DBT),

MoST; representative, Department of Science and Technology (DST), MoST; and Head, IHD, ICMR.

Necessary regulatory requirements

The following regulatory requirements need to be fulfilled by the Indian researchers as part of documents at the time of submission of projects for HMSC's consideration: (i) Institutional Ethics Committee (IEC), animal experimentation clearance(s) from all centres/study sites involved in the study; (ii) Approval of Drugs Controller General of India in case of the global clinical trials; (iii) Registration with the Clinical Trial Registry of India, wherever required (launched by the ICMR in 2007); (iv) Foreign Contribution (Regulation) Act permission is mandatory for all institutes/agencies receiving foreign funds; (v) Non-government organizations (NGOs) are to be registered at NGO Darpan Portal, NITI Aayog and also submit certain other requisite documents; (vi) Requisite clearances, if a study involves working with radio-tagged material and recombinant DNA/genetic engineering work (issued by the BARC and DBT, respectively); (vii) Any transfer of biological material has to be an integral part of a collaborative research project, and a duly filled in Material Transfer Agreement needs to be submitted (<https://main.icmr.nic.in/content/guidelines>); (viii) Guidelines on foreign engagement on bio-safety/bio-security matters (dated December 2015) were prepared and issued by the Division of Disarmament and International Security Affairs, MEA (duly approved by the Cabinet Secretariat), for compliance to protect national security (Weapons of Mass Destruction Act, 2005; https://www.mea.gov.in/Uploads/PublicationDocs/148_The-Weapons-Mass-destruction-And-Delivery-Systems-Act-2005.pdf and overall framework of Biological and Toxin Weapons Convention; <https://www.un.org/disarmament/wmd/bio/>); (ix) The HMSC also addresses important issues such as safety during transfer of biological material, national security (research should not lead to development of biological weapons), risk from defence and internal security point of view and potential for commercial exploitation, visit by foreigners to sensitive areas in the country with due approval from the concerned ministry/department, GoI; and (x) The Nagoya Protocol on Access and Benefit Sharing (a new international treaty adopted under the auspices of the Convention on Biological Diversity in Nagoya, Japan, in 2010) which aims at fair and equitable sharing of benefits arising from

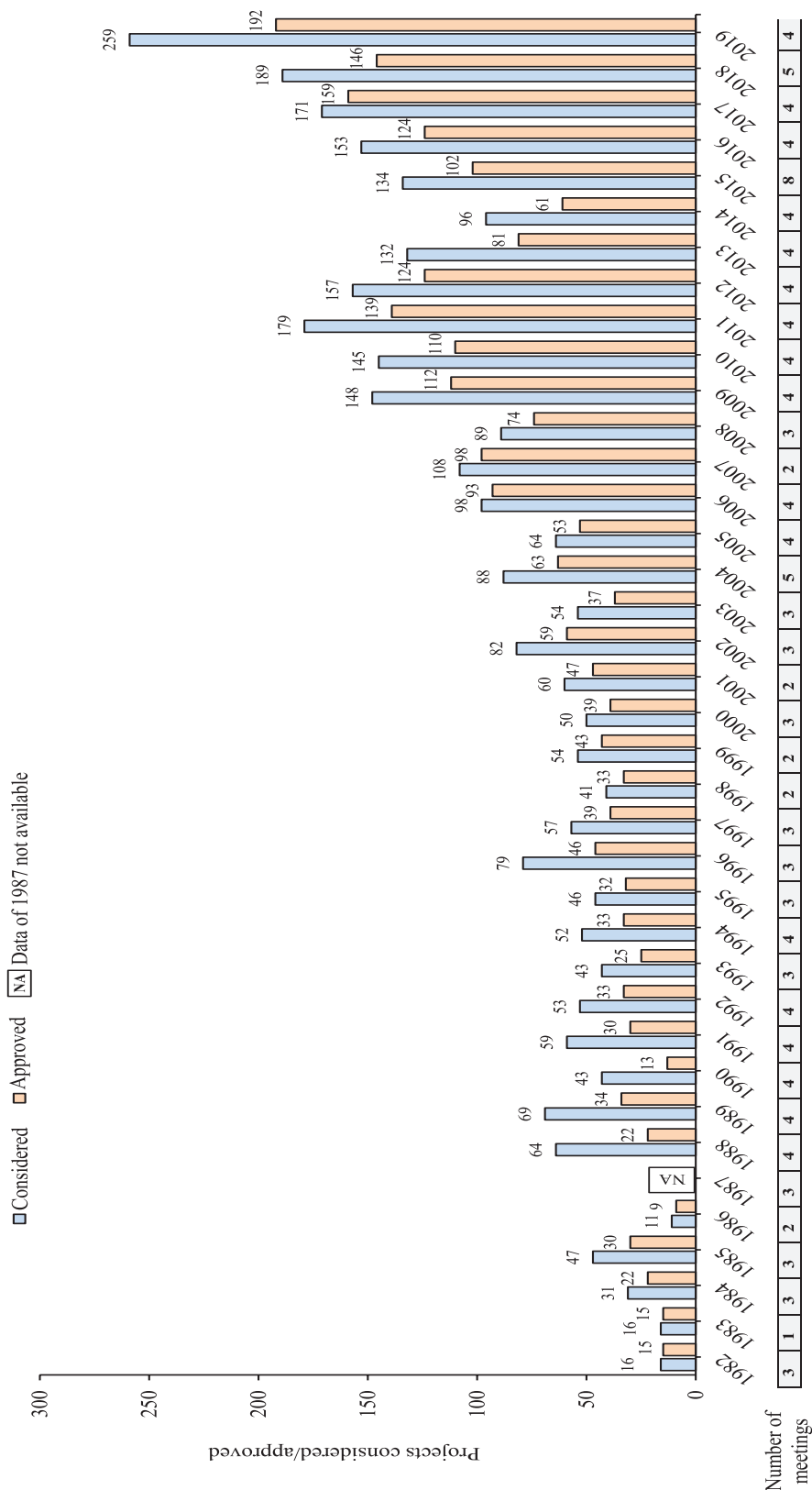


Figure. International projects considered and approved during 1982 to 2019 by the Health Ministry's Screening Committee.

the utilization of genetic resources is required to be followed.

Organization of HMSC meetings

Since the beginning of 2020, HMSC meetings are held at a regular interval of alternate months in a calendar year. The Indian researchers desirous of having foreign assistance and/or collaboration in health research can upload their projects online through ICMR's HMSC portal (www.icmrextramural.in) for the approval of GoI through HMSC. The projects can be submitted to ICMR for HMSC consideration throughout the year unless there is a prescribed deadline in a specific Call for Projects under an ICMR bilateral/multilateral programme.

The peer-reviewed projects are considered by the HMSC for a final decision. A total of 133 meetings have been organized since the inception of HMSC (from 1982 to 2019, Figure). In the meetings held during January 2000 to March 2020, a total of 2494 projects were considered, of which 1946 projects were approved by the HMSC. Lists of projects approved by the HMSC in the last 20 years (*w.e.f.* January 2000 onwards) are available on the ICMR website under: Collaborations > International > List of Approved Projects (<https://main.icmr.nic.in/content/international-collaborative-projects>).

Steps taken for streamlining HMSC procedures

The IHD periodically updates the guidelines for international collaboration and HMSC procedures; however, during the past two years, the ICMR has taken up the following steps to further streamline the process: (i) In October 2017, an Advisory was issued by the then Secretary, DHR, and Chairperson, HMSC, to State Principal Secretaries/Institutes/Medical Colleges/MoST Secretaries advising HMSC

clearance to be obtained by Principal Investigators (PIs) for international collaboration and instructed their respective IECs to indicate a clause in clearance to ensure that PIs should obtain HMSC approval before initiation of the study; (ii) In March 2019, the Secretary, DHR, and DG, ICMR issued letter to State Governments advising not to allow collection of human samples by private organizations, international stakeholders, NGOs *etc.* without prior approval of the ICMR particularly for research purposes; (iii) In September 2019, the DHR, MoHFW has notified that the IECs shall register online with the DHR; (iv) In January 2020, the Secretary, DHR, and DG, ICMR issued an advisory to Indian researchers to comply with HMSC procedures for undertaking international collaborative research; (v) In March 2020, it has been decided to stop fast-track mechanism of approval of international projects, except in extremely exceptional cases (to be decided on case-to-case basis) in view of increased frequency of HMSC meetings (held every alternate month); and (vi) The ICMR/DHR, GoI, is in the process of formulating a rule making prior approval mandatory for undertaking international collaborative research projects and transfer of human biological material, as some countries have specific legislations, such as Medical Research Act/Code for regulation of medical research in a country.

Further detailed information on international collaboration for Indian researchers/investigators and the guidelines for HMSC are available on the ICMR website (<http://icmr/nic.in/guide.htm>). Related information and requisite documents to be uploaded along with necessary downloadable forms/formats, *etc.* are also available.

Conflicts of Interest: None.

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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 August, 2017 to July 2020. 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.

Over the years, India has built upon expertise in upgrading the skills of scientists in various fields of health research through international collaborative research projects.

International collaboration plays an essential role in this direction in maintaining high standards of research around the globe. The ultimate goal is to broaden the scope of investigations to solve the scientific problems, providing new feasible solutions through research and strengthening the theoretical, methodological, analytical and implementation approaches by generating new scientific knowledge.

This sequel document (Volume V) provides details of international collaborative projects in health research approved by Health Ministry's Screening Committee (HMSC) during its fourteen meetings held during August, 2017 to July, 2020.

This document may be useful for the research scientists/institutions and may also be helpful during formulation of policies in health research.



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