

**List of International Collaborative Research Projects Approved by HMSC
during meeting held on 16th June, 2021 (through VC)**

S. No.	Details of the Project	
1.	Molecular diagnosis and risk stratification of sepsis in India (MARS-India)	
	<p>Principal Investigator</p> <p>Dr. Chiranjay Mukhopadhyay</p> <p>Associate Dean and Professor Kasturba Medical College, Manipal Academy of Higher Education, Manipal-576104, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Academic Medical Centre, The Netherlands</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 35,15,922</p> <p>Duration 36 Months</p> <p>Subject area Bacteriology</p>
	Approved with condition.	
2.	Moving Pictures: Using digital media to improve dementia care in India	
	<p>Principal Investigator</p> <p>Prof. Santosh Loganathan</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Alzheimer's Association, USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 31,92,750</p> <p>Duration 36 Months</p> <p>Subject area Psychiatry</p>
	Approved .	

S. No.	Details of the Project	
3.	An Open-Label Extension Study of Etrasimod in Subjects with Moderately to Severely 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>Arena Pharmaceuticals, Inc., USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 17, 60,710</p> <p>Duration 60 Months</p> <p>Subject area Gastroenterology</p>
	Approved for AIIMS, New Delhi site only.	
4.	A Phase 3, Randomized, Double-Blind, Placebo-Controlled, 12-Week Study to Assess the Efficacy and Safety of Etrasimod in Subjects with Moderately to Severely 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>Arena Pharmaceuticals, Inc., USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 6,19,215</p> <p>Duration 60 Months</p> <p>Subject area Gastroenterology</p>
	Approved for AIIMS, New Delhi site only.	

S. No.	Details of the Project	
5.	A Randomized trial to determine the effect of vitamin D and zinc supplementation for improving treatment outcomes among COVID-19 patients in Mumbai, Pune, Maharashtra, India	
	<p>Principal Investigator</p> <p>Dr. Nerges Mistry</p> <p>Director and Trustee The Foundation for Medical Research, Mumbai- 400018, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Canadian Institutes of Health Research (CIHR), Canada</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 3,68,50,842</p> <p>Duration 12 Months</p> <p>Subject area COVID-19</p>
	Approved. Due to urgency to start the work, (in view of public health emergency & being Covid-19 related project), the Chairman, HMSC approved the study on 6/4/2021. The Committee endorsed the decision.	
6.	Package of Essential Newborn Care with Kangaroo Care for Small Babies in selected urban areas of Bangalore, India	
	<p>Principal Investigator</p> <p>Mrs. Virgin J</p> <p>Senior Nurse Counsellor St John's Research Institute, Bangalore-560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Child Health Foundation, USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 3,74,999</p> <p>Duration 12 Months</p> <p>Subject area Child Health</p>
	Approved .	

S. No.	Details of the Project	
7.	Ki-67 proliferative index for tailoring long-term follow-up in surgically treated intracranial meningioma patients: a meta-analysis of xxx individual patient data	
	<p>Principal Investigator</p> <p>Dr. Tejpal Gupta</p> <p>Radiation Oncologist Tata Memorial Centre, Mumbai-400012, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Copenhagen University, Denmark</p> <p>Date of approval June 16, 2021</p> <p>Total budget NA</p> <p>Duration 12 Months</p> <p>Subject area Neurology</p>
	Approved .	
8.	Validation of shortened protocol for dose to mother technique of breast milk intake and assumptions in calculation of breast milk intake	
	<p>Principal Investigator</p> <p>Dr. Tinku Thomas</p> <p>Professor and Head St John's National Academy of Health Sciences, Bangalore-560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 32,56,986</p> <p>Duration 12 Months</p> <p>Subject area Maternal Health</p>
	Approved .	

S. No.	Details of the Project	
9.	Evaluate the effectiveness, safety and tolerability of various doses of Linezolid in combination with Bedaquiline and Pretomanid in Adults with Extensively Drug-Resistant (XDR), Multidrug-Resistant (MDR) with additional resistance to fluoroquinolones or second line injectables, intolerant/non-responsive MDR Pulmonary Tuberculosis in India	
	<p>Principal Investigator</p> <p>Dr. Padma Chandrasekaran</p> <p>Director ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>International Union against Tuberculosis and Lung Diseases</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 6,53,17,510</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
	Approved .	
10.	Bloomberg Initiative for Global Road Safety (BIGRS)- Bengaluru Chapter	
	<p>Principal Investigator</p> <p>Dr. Gautham Melur Sukumar</p> <p>Additional Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Johns Hopkins University, USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 57,81,600</p> <p>Duration 14 Months</p> <p>Subject area Public Health</p>
	Approved .	

S. No.	Details of the Project	
11.	India Primary Health Care Support Initiative (IPSI)	
	<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>Johns Hopkins University, USA (Grant from BMGF, USA)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 2,28,99,750</p> <p>Duration 24 Months</p> <p>Subject area Capacity Building</p>
	Approved with condition.	
12.	Molecular Mechanisms of Immunomodulation Imparted by Mycobacterium indicus pranii (MIP) vaccine against multibacillary leprosy	
	<p>Principal Investigator</p> <p>Dr. Pushendra Singh</p> <p>Scientist-E ICMR-National Institute of Research in Tribal Health (ICMR-NIRTH), Jabalpur-482003, Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Leprosy Research Initiative, The Netherlands</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 1,76,46,015</p> <p>Duration 48 Months</p> <p>Subject area Leprosy</p>
	Approved .	

S. No.	Details of the Project	
13.	Characterising the cellular immunity and metabolic response to Mycobacterium tuberculosis and Burkholderia pseudomallei in Indian patients for vaccine design	
	<p>Principal Investigator</p> <p>Dr. Chiranjay Mukhopadhyay</p> <p>Associate Dean and Professor Kasturba Medical College, Manipal Academy of Higher Education, Manipal-576104 , Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 31,17,674</p> <p>Duration 12 Months</p> <p>Subject area Bacteriology</p>
	Approved . PI has confirmed vide e-mail dated 29/3/2021 that only 10% of total biological samples will be sent to University of Oxford for QA/QC purposes.	
14.	Cardio-metabolic effects of meat intake in Indians: a pilot study to build nutritional metabolomics capacity and establish short-term and longer-term biomarkers of meat intake and metabolism in Indian context	
	<p>Principal Investigator</p> <p>Dr. G Bhanuprakash Reddy</p> <p>Scientist-G ICMR-National Institute of Nutrition (ICMR-NIN), Hyderabad-500007, Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 3,18,38,180</p> <p>Duration 22 Months</p> <p>Subject area Public Health</p>
	Approved for following 3 sites only: i. National Institute of Nutrition, Hyderabad, ii. Indian Institute of Public Health, Hyderabad, iii. CSIR-Institute of Microbial Technology, Chandigarh. However, the Institutional Ethics Committee clearance of Yenepova Research Centre, Mangalore site should be submitted to ICMR before initiation of the study. The appropriate GoI clearances should be obtained for visit of foreign team members (if any) to India.	

S. No.	Details of the Project	
15.	Preventing Adverse Cardiac Events (PACE) in Chronic Obstructive Pulmonary Disorder (COPD)	
	<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>National Health and Medical Research Council (NHMRC), Australia</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 22,88,000</p> <p>Duration 42 Months</p> <p>Subject area Respiratory Health</p>
	Approved. PI of the project provided clarifications to the comments. The concerned Scientific Division (NCD) reviewed and found it satisfactory. Chairman, HMSC approved the study on 31/03/2021. The Committee endorsed the decision.	
16.	NIHR Global Health Research Group: A package of care for the mental health of survivors of violence in South Asia	
	<p>Principal Investigator</p> <p>Dr. Abhijit Nadkarni</p> <p>Co-Director Sangath, Goa-403501</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 1,29,20,208</p> <p>Duration 36 Months</p> <p>Subject area Mental Health</p>
	Approved .	

S. No.	Details of the Project	
17.	Improving outcomes for people with psychosis in Pakistan and India – improving the Effectiveness of Community-based care (PIECES)	
	<p>Principal Investigator</p> <p>Dr. Padmavati Ramachandran</p> <p>Director Schizophrenia Research Foundation, Chennai-600101, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 7,13,92,050</p> <p>Duration 48 Months</p> <p>Subject area Mental Health</p>
	Approved .	
18.	The Genetics of Major Depression Treated by Electroconvulsive Therapy (GenECT) Study	
	<p>Principal Investigator</p> <p>Dr. Biju Viswanath</p> <p>Associate 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 June 16, 2021</p> <p>Total budget Rs. 1,24,54,753</p> <p>Duration 24 Months</p> <p>Subject area Mental Health</p>
	Approved .	

S. No.	Details of the Project	
19.	Host RNA Expression for Diagnosis and Monitoring of Pediatric TB in Africa and India: RICC Pediatric Transcriptomic Study	
	<p>Principal Investigator</p> <p>Dr. Syed Hissar</p> <p>Scientist-D 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 16, 2021</p> <p>Total budget Rs. 79,90,027</p> <p>Duration 24 Months</p> <p>Subject area HIV/ Tuberculosis</p>
	Approved .	
20.	Kerala-Einstein Study	
	<p>Principal Investigator</p> <p>Dr. Kumar Pradeep</p> <p>Neurologist Baby Memorial Hospital, Calicut-673004, Kerala</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 15,41,40,853</p> <p>Duration 60 Months</p> <p>Subject area Neurology</p>
	Approved . However, a valid Institutional Ethics Committee clearance of Baby Memorial Hospital, Calicut should be submitted to ICMR before initiation of the study and the appropriate GoI clearances should be obtained for visit of foreign team members (if any) to India.	

S. No.	Details of the Project	
21.	Engaging providers, community members, and young women to adapt and pilot a youth-friendly sexual and reproductive health package in low-income communities in India	
	<p>Principal Investigator</p> <p>Prof. Shubhada Maitra</p> <p>Professor Tata Institute of Social Sciences (TISS), Mumbai-400088, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 79,73,251</p> <p>Duration 48 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved .	
22.	Mobile Mosquitoes - understanding the entangled mobilities of Aedes mosquitoes and humans in India, Mexico, Tanzania and Germany	
	<p>Principal Investigator</p> <p>Dr. Ashwani Kumar</p> <p>Scientist-G & Director ICMR-Vector Control Research Centre (ICMR-VCRC), Gorimedu, Puducherry-605006</p>	<p>Funding/Collaborating Agency</p> <p>Novo Nordisk Fonden, Denmark; “la Caixa” Foundation, Spain; Wellcome Trust, UK and VolkswagenStiftung, Germany</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 9,00,000</p> <p>Duration 10 Months</p> <p>Subject area Dengue</p>
	Approved .	

S. No.	Details of the Project	
23.	Phase I-II of the update of the EORTC Quality of Life Gastric module QLQ-STO22	
	<p>Principal Investigator</p> <p>Dr. Manjunath Nookalakrishnamurthy</p> <p>Associate Professor Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Mumbai-410210, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>European Organisation for Research and Training in Cancer, Quality of Life Group (EORTC, QLG)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 70,729</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>
	Approved .	
24.	Assessment of the Knowledge Gaps of Primary Care Physicians in the Diagnosis and Management of Rheumatoid Arthritis and Impact of a Short-Term Training 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 16, 2021</p> <p>Total budget Rs. 33,86,414</p> <p>Duration 24 Months</p> <p>Subject area Rheumatology</p>
	Approved .	

S. No.	Details of the Project	
25.	Understanding the role of RhoC in cancer stem cell development and maintenance	
	<p>Principal Investigator</p> <p>Dr. Sweta Srivastava</p> <p>Assistant Professor St John's National Academy of Health Sciences, Bangalore-560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>RhoVAC ApS, Denmark</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 53,05,200</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>
	Approved .	
26.	Utility and Challenges of Triaging for Covid-19 in Outpatient and Emergency Departments of a Tertiary TB Institute	
	<p>Principal Investigator</p> <p>Dr. Jitendra Kumar Saini</p> <p>Chest Specialist National Institute of Tuberculosis and Respiratory Diseases (NITRD), New Delhi-110030</p>	<p>Funding/Collaborating Agency</p> <p>STOP TB Partnership/ UNOPS, Switzerland</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 5,59,272</p> <p>Duration 6 Months</p> <p>Subject area COVID-19</p>
	Approved .	

S. No.	Details of the Project	
27.	A phase I/II trial of the pharmacokinetics, safety, tolerability and acceptability of new formulations of clofazimine and moxifloxacin in children treated for rifampicin-resistant tuberculosis” (Clofazimine and moxifloxacin PK, safety and AccepTAbiLitY for paediatric TB treatment)	
	<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>UNITAID, Switzerland</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 2,04,82,540</p> <p>Duration 36 Months</p> <p>Subject area Tuberculosis</p>
	Approved .	
28.	Priorities for the Environmental Dimension of Antimicrobial Resistance (AMR) in India	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Scientist- G and Director ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010, West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>United Nation Environment Programme (UNEP)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 42,15,000</p> <p>Duration 9 Months</p> <p>Subject area Anti Microbial Resistance</p>
	Approved with conditions.	

S. No.	Details of the Project	
29.	Development and pilot testing of smart phone-based app for non-invasive detection of anaemia in pregnant women	
	<p>Principal Investigator</p> <p>Prof. Vatsla Dadhwal</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>University College London (UCL), UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 5,00,400 (by AIIMS)</p> <p>Duration 12 Months</p> <p>Subject area Maternal Health</p>
	Approved .	
30.	Topical coconut oil application and incidence of sepsis in neonates – An Open – Label Randomized Controlled Trial	
	<p>Principal Investigator</p> <p>Dr. Kishore R Kumar</p> <p>Senior Consultant Cloudnine Hospitals, Bangalore-560011, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Cincinnati, USA</p> <p>Date of approval June 16, 2021</p> <p>Total budget NA</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>
	Approved . PI has confirmed vide e-mail dated 8/3/2021 that only 10% of total biological samples will be sent to University of Cincinnati for QA/QC purposes.	

S. No.	Details of the Project	
31.	A global study looking at the impact of the Coronavirus disease (COVID-19) on the care of childhood cancers (COVIDPaedsCancer)	
	<p>Principal Investigator</p> <p>Dr. Nitin James Peters</p> <p>Professor Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh-160012</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval June 16, 2021</p> <p>Total budget NA</p> <p>Duration 21 Months</p> <p>Subject area COVID-19</p>
	Approved for 6 sites only subject to submission of CTRI registration number to ICMR before initiation of the study. The Institutional Ethics Committee clearances for remaining 3 sites should be submitted to ICMR before initiation of the study.	
32.	International Point Prevalence Study of Intensive Care Unit Transfusion Practices” (InPUT study)	
	<p>Principal Investigator</p> <p>Dr. Gopalakrishna K N</p> <p>Additional professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Amsterdam, The Netherlands.</p> <p>Date of approval June 16, 2021</p> <p>Total budget NA</p> <p>Duration 6 Weeks</p> <p>Subject area Haematology</p>
	Approved for NIMHANS, Bangalore site only.	

S. No.	Details of the Project	
33.	Optimizing place of treatment for young infants presenting with any low mortality risk sign of possible serious bacterial infection-Study 1	
	<p>Principal Investigator</p> <p>Dr. Nita Bhandari</p> <p>Senior Scientist and Director Centre for Health Research and Development, Society of Applied Studies, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 12,41,99,709</p> <p>Duration 36 Months</p> <p>Subject area Child Health</p>
	Approved only for Centre for Health Research and Development, New Delhi; Parmar Government Medical College and Hospital, Nahan, Himachal Pradesh & Civil Hospital, Paonta Sahib, Himachal Pradesh. PI has confirmed common budget for both study 1 (Proposal Id: 2021-0047/F1) and study 2 (Proposal Id: 2021-0016/F1).	
34.	Optimizing duration of hospitalization for young infants presenting with any moderate mortality risk sign of possible serious bacterial infection-Study 2	
	<p>Principal Investigator</p> <p>Dr. Nita Bhandari</p> <p>Senior Scientist and Director Centre for Health Research and Development, Society of Applied Studies, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 12,41,99,709</p> <p>Duration 12 Months</p> <p>Subject area Child Health</p>
	Approved only for Centre for Health Research and Development, New Delhi; Parmar Government Medical College and Hospital, Nahan, Himachal Pradesh & Civil Hospital, Paonta Sahib, Himachal Pradesh. PI has confirmed common budget for both study 1 (Proposal Id: 2021-0047/F1) and study 2 (Proposal Id: 2021-0016/F1).	

S. No.	Details of the Project	
35.	Optimizing place of treatment and antibiotic regimens for young infants presenting with signs of possible serious bacterial infection	
	<p>Principal Investigator</p> <p>Dr. Vishwajeet Kumar</p> <p>Principal Scientist Community Empowerment Lab, Lucknow-226001, Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 11,54,96,844</p> <p>Duration 36 Months</p> <p>Subject area Child Health</p>
	Approved .	
36.	Literature reviews and research gap analysis on social determinants of urban health: how social and gender dynamics in a COVID-19 context affect the prevention and control of infectious diseases of poverty	
	<p>Principal Investigator</p> <p>Dr. Sanghamitra Pati</p> <p>Scientist-G & Director ICMR-Regional Medical Research Centre (ICMR-RMRC), Bhubaneswar-751023, Odisha</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO)</p> <p>Date of approval June 16, 2021</p> <p>Total budget Rs. 53,37,200</p> <p>Duration 12 Months</p> <p>Subject area COVID-19</p>
	Approved .	