

**List of International Collaborative Research Projects Approved by HMSC  
during meeting held on 16<sup>th</sup> March, 2022 (through VC)**

S. No.	Details of the Project	
1.	External quality assessment for multi-centre capacity building and strengthening on detection and prevention of antimicrobial resistance in India	
	<b>Principal Investigator</b>  Dr. Balaji Veeraraghavan  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  American Society for Microbiology, USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 15,00,000 <b>Duration</b> 24 Months <b>Subject area</b> Antimicrobial Resistance
	Approved subject to submission of Institutional Ethics Committee (IEC) clearance of all 31 Indian sites. Also, the results of the study should be shared by the PI with NCDC & ICMR.	
2.	Vellore Typhoid Vaccine Impact Trial	
	<b>Principal Investigator</b>  Prof. Jacob John  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  Bill & Melinda Gates Foundation (BMGF), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 36,64,58,972 <b>Duration</b> 48 Months <b>Subject area</b> Infectious Diseases
	Approved. However, a copy of the CTRI registration should be submitted by the PI to ICMR.	

S. No.	Details of the Project	
3.	Immunological analysis of mix-and match priming and boosting studies in India	
	<b>Principal Investigator</b>  Mr. Winsley Rose  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  Bill & Melinda Gates Foundation (BMGF), USA  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 10,15,68,404  <b>Duration</b> 14 Months  <b>Subject area</b> Immunology
	Approved.	
4.	WHO ACTION-III TRIAL: A multi-country, multi-centre, three arm, parallel group, double-blind, placebo controlled, randomized trial of two doses of antenatal corticosteroids for women with a high probability of birth in the late preterm period in hospitals in low resource countries to improve newborn outcomes	
	<b>Principal Investigator</b>  Dr. Shivprasad Sadashivappa Goudar  Professor Jawaharlal Nehru Medical College, Belgaum-590010, Karnataka	<b>Funding/Collaborating Agency</b>  Bill & Melinda Gates Foundation (BMGF), USA  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 21,65,41,024  <b>Duration</b> 36 Months  <b>Subject area</b> Child Health
	Based on the comments received from MoHFW and concerned Scientific Division of ICMR, Chairman, HMSC Approved the project on 31st January 2022. The Committee endorsed the decision.	

5.	OPTIMISTICCC (OPportunity To Investigate the Microbiome's Impact on Science and Treatment In Colorectal Cancer) Large Bowel Microbiome Disease Network – Phase 2	
	<b>Principal Investigator</b>  Dr. Mayilvahanan Bose  Assistant Professor Cancer Institute (WIA), Chennai-600036, Tamil Nadu	<b>Funding/Collaborating Agency</b>  Cancer Research UK Grand Challenge, UK  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 6,33,000  <b>Duration</b> 36 Months  <b>Subject area</b> Oncology
	Approved. However, in case the foreign team members intend to visit India then appropriate GoI clearances from MHA/MEA should be obtained by PI.	

S. No.	Details of the Project	
6.	Strengthening of hospital infection prevention and control programs. A facility-based assessment and capacity building in the state of Telangana	
	<b>Principal Investigator</b>  Dr. Prasanth Venela  Society for Health Allied Research Education (SHARE), Hyderabad-501401, Telangana	<b>Funding/Collaborating Agency</b>  Centers for Disease Control and Prevention (CDC), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 82,02,280 <b>Duration</b> 12 Months <b>Subject area</b> Infectious Diseases
	Approved.	
7.	Discrete choice experiment to understand the demand for and acceptance of influenza vaccine in Indian population: A Health Economic Study	
	<b>Principal Investigator</b>  Dr. Bhaskar Krishnamurthy  Assistant Professor Seth G.S Medical College and K.E.M Hospital, Mumbai-400012, Maharashtra	<b>Funding/Collaborating Agency</b>  DBT under DBT-European Commission programme  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 61,11,84,111 (DBT) <b>Duration</b> 12 Months <b>Subject area</b> Influenza
	Approved.	

S. No.	Details of the Project	
8.	The Scabies microbiota consortium toward new interventions: Exploring the scabies-associated microbiota in a multi-country, observational cross- sectional study to understand the pathobiology of impetigo linked to scabies	
	<b>Principal Investigator</b>  Dr. Pallavi Vijay Surase  Assoc. Professor (Addl) Seth G.S Medical College and K.E.M Hospital, Mumbai-400012, Maharashtra	<b>Funding/Collaborating Agency</b>  Dioraphte Foundation, The Netherlands  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 12,50,000 <b>Duration</b> 48 Months <b>Subject area</b> Bacteriology
	Approved with transfer of 10 % of skin samples for microbiota study to foreign lab.	
9.	Fast Antibiotic Susceptibility Testing for Gram Negative Bacteremia	
	<b>Principal Investigator</b>  Dr. Shrikala Baliga  Professor Kasturba Medical College, Mangalore- 575001, Karnataka	<b>Funding/Collaborating Agency</b>  Duke University, USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 79,20,000 <b>Duration</b> 24 Months <b>Subject area</b> Antimicrobial Resistance
	Approved with conditions.	

S. No.	Details of the Project	
10.	A prospective multicenter cohort study to evaluate different surgical methods of axillary staging (sentinel lymph node biopsy, targeted axillary dissection, axillary dissection) in clinically node-positive breast cancer patients treated with neoadjuvant chemotherapy	
	<b>Principal Investigator</b>  Dr. Geeta Kadayaprath  Sr. Director Max Healthcare, New Delhi-110017, Delhi	<b>Funding/Collaborating Agency</b>  European Breast Cancer Research Association of Surgical Trialists (EUBREAST), Germany  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Nil  <b>Duration</b> 120 Months  <b>Subject area</b> Oncology
	Based on the clarifications provided by PI, the Chairman, HMSC "Approved" the proposal on 3rd March, 2022. However, the PI has to submit a copy of FCRA of MAX healthcare to ICMR as & when received. The Committee endorsed the decision.	

S. No.	Details of the Project	
11.	Feasibility, Acceptability, and Usage of a Digital Solution for identifying Perinatal Depression and Anxiety in Obstetric Clinics	
	<b>Principal Investigator</b>  Prof. Prabha Satish Chandra  Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka	<b>Funding/Collaborating Agency</b>  ETH University, Switzerland  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 32,26,999 <b>Duration</b> 12 Months <b>Subject area</b> Mental Health
	Approved.	
12.	Experiences of Community Based Rehabilitation Workers Providing Nutrition and Mealtime-Related Services to Children with Cerebral Palsy in India	
	<b>Principal Investigator</b>  Mr. Asis Kumar Ghosh  Deputy Director Indian Institute of Cerebral Palsy, Kolkata-700088, West Bengal	<b>Funding/Collaborating Agency</b>  Georgia State University, USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 15,150 <b>Duration</b> 12 Months <b>Subject area</b> Nutrition
	Approved with conditions.	

S. No.	Details of the Project	
13.	Role of Social interaction and physical activity in brain health in Frontotemporal Dementia	
	<b>Principal Investigator</b>  Dr. Faheem Arshad  Assistant professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka	<b>Funding/Collaborating Agency</b>  Global Brain Health Institute (GBHI), Alzheimer's Association USA, and Alzheimer's Society UK  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 17,50,000  <b>Duration</b> 24 Months  <b>Subject area</b> Neurology
	Approved.	
14.	Juveniles Accessing Mental health Services (JAMS)	
	<b>Principal Investigator</b>  Dr. Padmavati Ramachandran  Director Schizophrenia Research Foundation (India), Chennai-600101, Tamil Nadu	<b>Funding/Collaborating Agency</b>  Grand Challenges, Canada  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 1,25,62,110  <b>Duration</b> 24 Months  <b>Subject area</b> Mental Health
	Approved.	



S. No.	Details of the Project	
15.	To adapt the stillbirth advocacy toolkit developed for health providers in India (the Indian providers toolkit) under the parent voices initiative to incorporate the perspective of Indian parents bereaved by stillbirth and their expectations from the health providers, laying the ground work for toolkit implementation and scale-up in India and adaption to other SEARO countries	
	<b>Principal Investigator</b>  Dr. Neelam Aggarwal  Professor Postgraduate Institute of Medical Education & Research (PGIMER), Chandigarh-160012	<b>Funding/Collaborating Agency</b>  International Stillbirth Alliance, USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 8,46,720 <b>Duration</b> 8 Months <b>Subject area</b> Reproductive Health
	Approved.	
16.	Shared Decision Making with the help of a Decision Aid and its impact on Cesarean section rates in women undergoing Trial of Labor after Cesarean section: A Mixed Methods Study	
	<b>Principal Investigator</b>  Dr. Bhabani Pegu  Assistant professor Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry-605006	<b>Funding/Collaborating Agency</b>  JIPMER Alumni Association North America (JAANA), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 7,47,000 <b>Duration</b> 24 Months <b>Subject area</b> Maternal Health
	Approved.	

S. No.	Details of the Project	
17.	APPROACH-IS II: ASSESSMENT OF PATTERNS OF PATIENT REPORTED OUTCOMES IN ADULTS WITH CONGENITAL HEART DISEASE – INTERNATIONAL STUDY II	
	<b>Principal Investigator</b>  Dr. Navaneetha Sasikumar  Associate Professor Amrita Institute of Medical Sciences, Kochi- 682041, Kerala	<b>Funding/Collaborating Agency</b>  Katholieke Universiteit (KU), Belgium  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Nil <b>Duration</b> 24 Months <b>Subject area</b> Cardiovascular Diseases
	Approved.	
18.	Oral Cavity Quantitative Histomorphometric Risk Classifier (OHbIC) in Oral Cavity Squamous Cell Carcinoma (OC-SCC)	
	<b>Principal Investigator</b>  Dr. Swapnil Ulhas Rane  Associate Professor Tata Medical Hospital, Mumbai-400012, Maharashtra	<b>Funding/Collaborating Agency</b>  National Institutes of Health (NIH), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 1,30,96,400 <b>Duration</b> 60 Months <b>Subject area</b> Oncology
	Approved.	

S. No.	Details of the Project	
19.	Increasing access to postpartum contraception by linking family planning and infant vaccination services	
	<b>Principal Investigator</b>  Dr. Shahina Begum  Scientist- E ICMR-National Institute for Research in Reproductive and Child Health (ICMR-NIRRH), Mumbai- 400012, Maharashtra	<b>Funding/Collaborating Agency</b>  National Institutes of Health (NIH), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 71,94,420 <b>Duration</b> 24 Months <b>Subject area</b> Social & Behavioural Research
	Approved.	
20.	Investigation of COVID-19 Disease Parameters for Transmission Models in Low-Resource Settings	
	<b>Principal Investigator</b>  Prof. Venkata Raghava Mohan  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  National Institutes of Health (NIH), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 2,06,38,800 <b>Duration</b> 60 Months <b>Subject area</b> Covid 19
	Approved. Due to urgency to start the work and in view of public health emergency, the Chairman, HMSC approved the study on 4th February, 2022. The Committee endorsed the decision.	

S. No.	Details of the Project	
21.	Mobile oral cancer screening system for low-resource settings	
	<b>Principal Investigator</b>  Dr. Praveen Birur N  Professor & Head KLE Society's Institute of Dental Sciences, Bangalore-560022, Karnataka	<b>Funding/Collaborating Agency</b>  National Institutes of Health (NIH), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 1,47,09,600 <b>Duration</b> 24 Months <b>Subject area</b> m-Health
	Approved.	
22.	India ENIGMA Initiative for Global Aging & Mental Health	
	<b>Principal Investigator</b>  Prof. John P John  Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka	<b>Funding/Collaborating Agency</b>  National Institutes of Health(NIH), USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 13,24,83,952 <b>Duration</b> 60 Months <b>Subject area</b> m-Health/Chronic disease
	Approved.	

S. No.	Details of the Project	
23.	Cervical Dystonia in Parkinson's disease: A multicentric prospective study	
	<b>Principal Investigator</b>  Prof. Sanjay Pandey  Professor Maulana Azad Medical College & G B Pant Hospital, New Delhi-110002, Delhi	<b>Funding/Collaborating Agency</b>  Parkinson's Clinic Ortenau GmbH & Co. KG, Germany  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Nil  <b>Duration</b> 12 Months  <b>Subject area</b> Neurology
	Approved. However, the IEC clearances of Maulana Azad Medical College & G B Pant Hospital, New Delhi should be submitted to ICMR before initiation of the study.	
24.	Impact of an integrated health, nutrition and early child stimulation and responsive care intervention package delivered to preterm or term small for gestational age babies during infancy on growth and neurodevelopment	
	<b>Principal Investigator</b>  Dr. Sunita Taneja  Assistant Director Centre for Health Research and Development, Society for Applied Studies, New Delhi-110016, Delhi	<b>Funding/Collaborating Agency</b>  Research Council of Norway (RCN), Norway  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 16,02,67,756  <b>Duration</b> 42 Months  <b>Subject area</b> Public Health
	Approved.	

S. No.	Details of the Project	
25.	Understanding the impact of toxin variants on diphtheria vaccine and treatment	
	<b>Principal Investigator</b>  Dr. Balaji Veeraraghavan  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  University of Birmingham, UK  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 49,46,000 <b>Duration</b> 12 Months <b>Subject area</b> Vaccine Development
	Approved.	
26.	Understanding the impact of COVID-19 on bacterial sepsis, antibiotic consumption and stewardship, and antimicrobial resistance	
	<b>Principal Investigator</b>  Dr. Balaji Veeraraghavan  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  University of Oxford, UK  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 30,59,892 <b>Duration</b> 24 Months <b>Subject area</b> Antimicrobial Resistance
	Approved. However, the PI must ensure that authorship & leadership of publications should be decided on the basis of no. of participants recruited from each country and it should be mentioned in the agreement.	

S. No.	Details of the Project	
27.	The Global Research on AntiMicrobial Resistance (GRAM) Project	
	<b>Principal Investigator</b>  Dr. Balaji Veeraraghavan  Professor Christian Medical College (CMC), Vellore-632004, Tamil Nadu	<b>Funding/Collaborating Agency</b>  University of Oxford, UK  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 34,38,964 <b>Duration</b> 6 Months <b>Subject area</b> Antimicrobial Resistance
	Approved with conditions.	
28.	PRone and OScillation PEdiatric Clinical Trial	
	<b>Principal Investigator</b>  Dr. Anupama Yerra  Consultant Rainbow Children's Hospital, Hyderabad-501401, Telangana	<b>Funding/Collaborating Agency</b>  University of Pennsylvania, USA  <b>Date of approval</b> March 16, 2022 <b>Total budget</b> Rs. 16,58,365 <b>Duration</b> 24 Months <b>Subject area</b> Infectious Diseases
	Approved. However, the Committee directed that there should be no collection of samples of patients for future studies of genomics, proteomics and metabolomics of PARDS and no transfer of the biological samples to US Lab for biobanking as a part of this project.	

S. No.	Details of the Project	
29.	Health systems analysis and evaluations of the barriers to availability, utilization and readiness of family planning and contraceptive services in COVID-19 affected areas in Maharashtra, India	
	<b>Principal Investigator</b>  Dr. Beena Nitin Joshi  Scientist F ICMR-National Institute for Research in Reproductive and Child Health (ICMR-NIRRH), Mumbai- 400012, Maharashtra	<b>Funding/Collaborating Agency</b>  World Health Organization (WHO), Switzerland  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 25,89,058  <b>Duration</b> 10 Months  <b>Subject area</b> Health Systems Research
	Approved. However, the interviews and focus group discussions of the study may capture the period of no lockdown, partial lockdown also.	
30.	Establishing Organized Stroke Care In Low-And-Middle Income Countries: From Training of Non-Specialist to Implementation	
	<b>Principal Investigator</b>  Dr. Ivy Anne Sebastian  Consultant St. Stephen's Hospital, New Delhi- 110054, New Delhi	<b>Funding/Collaborating Agency</b>  World Stroke Organization, Switzerland  <b>Date of approval</b> March 16, 2022  <b>Total budget</b> Rs. 10,42,251  <b>Duration</b> 12 Months  <b>Subject area</b> Neurology
	Approved for St. Stephen's Hospital, New Delhi.	