

**List of International Collaborative Research Projects Approved by HMSC
during meeting held on 24th February, 2021 (through VC)**

S. No.	Details of the Project	
1.	An IDDO-ICMR joint project for capacity building of young researchers	
	<p>Principal Investigator</p> <p>Dr. Amit Sharma</p> <p>Director 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 February 24, 2021</p> <p>Total budget Rs. 1,88,31,700</p> <p>Duration 12 Months</p> <p>Subject area Capacity Building</p>
	Approved.	
2.	Implementing the WHO Labour Care Guide to reduce the use of Caesarean section in four hospitals in India: a pragmatic, stepped wedge, cluster randomized pilot trial	
	<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>Burnet Institute, Australia and Bill and Melinda Gates Foundation (BMGF), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,04,63,600</p> <p>Duration 24 Months</p> <p>Subject area Maternal Health</p>
	Approved with condition.	

S. No.	Details of the Project	
3.	Molecular and Pharmacogenetic marker evaluation in relation to the toxicity and clinical response of acute lymphoblastic leukemia treatment in Indian children (MPGx-INDALL)	
	<p>Principal Investigator</p> <p>Dr. Biswajit Dubashi</p> <p>Additional Professor Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER), Puducherry-605006</p>	<p>Funding/Collaborating Agency</p> <p>CANSEARCH Foundation, Switzerland and Swiss National Science Foundation (SNSF), Switzerland</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs.1,39,86,105</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
	Approved with condition.	
4.	COVID-19 epidemiological sub studies under the ongoing study “Strengthening 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), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 5,27,55,000</p> <p>Duration 12 Months</p> <p>Subject area COVID-19</p>
	The project was considered during the HMSC meeting held on 6 th January, 2021 and was Not Approved. PI of the project provided clarifications/responses to the comments raised by HMSC. The concerned Scientific Division of ICMR recommended the project since PI has agreed to drop objective 3 from the proposal and objective 1 and 2 have been modified. Chairman, HMSC approved the study on 28 th January, 2021. The Committee endorsed the decision	

S. No.	Details of the Project	
5.	Haryana Demonstration Project on Wheat Flour Fortification to Improve Iron, Folate, and Vitamin B12 Status	
	<p>Principal Investigator</p> <p>Dr. Manmeet Kaur</p> <p>Professor Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh-160012</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention (CDC), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,38,76,958</p> <p>Duration 12 Months</p> <p>Subject area Nutrition</p>
	Approved . However, a valid Institutional Ethics Committee clearance should be submitted to ICMR before initiation of the project & only de-identified data should be shared by the PI with the foreign collaborator.	
6.	Climate-health risk management in India	
	<p>Principal Investigator</p> <p>Dr. Poornima Prabhakaran</p> <p>Head & Deputy Director Public Health Foundation of India (PHFI), Gurgaon-122002, Haryana</p>	<p>Funding/Collaborating Agency</p> <p>Flemish Institute for Technological Research (VITO), Belgium</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,02,27,273</p> <p>Duration 36 Months</p> <p>Subject area Environmental Health</p>
	Approved subject to submission of Institutional Ethics Committee clearance to ICMR before initiation of the study.	

S. No.	Details of the Project	
7.	Feasibility of an AI Digital Therapeutic Technology for Smoking Cessation in India	
	<p>Principal Investigator</p> <p>Dr. Monika Arora</p> <p>Director Public Health Foundation of India, Gurugram-122002, Haryana</p>	<p>Funding/Collaborating Agency</p> <p>INNOWWIDE, EU</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 49,19,956</p> <p>Duration 6 Months</p> <p>Subject area m-Health</p>
	Approved.	
8.	Sugar intake in India: The estimation of dietary intake using the stable isotopic biomarker method of carbon isotope ratio	
	<p>Principal Investigator</p> <p>Dr. Sumathi Swaminathan</p> <p>Associate Professor St John's Research Institute, Bangalore- 560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Atomic Energy Agency (IAEA), Austria</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 43,11,318</p> <p>Duration 60 Months</p> <p>Subject area Nutrition</p>
	Approved.	

S. No.	Details of the Project	
9.	HEp-2 CIC project: Clinical and Immunological Characterization of HEp-2 IFA Patterns	
	<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>International Consensus on ANA Patterns (ICAP), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget NA</p> <p>Duration 5 Months</p> <p>Subject area Immunology</p>
	Approved.	
10.	Development and evaluation of prevention bundle for neonatal healthcare associated infections – An interventional study	
	<p>Principal Investigator</p> <p>Mrs. Usha Rani</p> <p>Assistant Professor Prasanna School of Public Health, MAHE, Manipal-576104, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>International Society for Infectious Diseases, USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 4,92,580</p> <p>Duration 12 Months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved in principle subject to submission of FCRA clearance, NITI Ayog empanelment & fresh Institutional Ethics Committee Clearance (submitted earlier is very old & dated 5/8/2017) to ICMR before initiation of the study.	

S. No.	Details of the Project	
11.	Studies on Emerging and Reemerging Infectious Diseases – Phase IV	
	<p>Principal Investigator</p> <p>Dr. Shanta Dutta</p> <p>Director & Scientist G ICMR-National Institute of Cholera & Enteric Diseases (ICMR-NICED), Kolkata-700010, West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Japan Agency for Medical Research and Development (AMED), Japan</p> <p>Date of approval February 24, 2021</p> <p>Total budget NA</p> <p>Duration 60 Months</p> <p>Subject area Diarrhoeal Diseases</p>
	Approved.	
12.	Improving the outcomes of sick children referred from district hospitals in and around Puducherry by establishing a communication network – a community-based quality improvement initiative	
	<p>Principal Investigator</p> <p>Dr. Narayanan Parameswaran</p> <p>Professor Jawaharlal Institute of Post Graduate 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 February 24, 2021</p> <p>Total budget Rs. 6,41,900</p> <p>Duration 21 Months</p> <p>Subject area Child Health</p>
	Approved.	

S. No.	Details of the Project	
13.	International Centre for Genomic Research in Neuromuscular Diseases	
	<p>Principal Investigator</p> <p>Dr. Kumarasamy Thangaraj</p> <p>Chief Scientist Centre for Cellular and Molecular Biology, Hyderabad-500007, Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Medical Research Council (MRC), UK</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,35,33,677</p> <p>Duration 60 Months</p> <p>Subject area Genomics</p>
	Approved.	
14.	An Individualized Approach to Promote Nurturing Care in Low and Middle Income Countries: A Hybrid Effectiveness/ Implementation Trial of the International Guide for Monitoring Child Development	
	<p>Principal Investigator</p> <p>Dr. Subodh S Gupta</p> <p>Professor & Head Mahatma Gandhi Institute of Medical Sciences, Wardha-442102, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 5,72,67,086</p> <p>Duration 60 Months</p> <p>Subject area Child Health</p>
	Approved.	

S. No.	Details of the Project	
15.	A portable photoacoustic imager for diagnosing vascular diseases	
	<p>Principal Investigator</p> <p>Dr. Rudra Pratap</p> <p>Professor Indian Institute of Sciences (IISc), Bangalore-560012, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,51,38,035</p> <p>Duration 60 Months</p> <p>Subject area Health Systems Research</p>
	Approved.	
16.	A pilot study of the effects of helminth infection and SARS CoV 2 seropositivity on immune response and the intestinal microbiota in India	
	<p>Principal Investigator</p> <p>Dr. Subash Babu</p> <p>Scientific Director 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 February 24, 2021</p> <p>Total budget Rs. 60,00,000</p> <p>Duration 6 Months</p> <p>Subject area COVID-19</p>
	Approved with conditions.	

S. No.	Details of the Project	
17.	An International Multicenter, Adaptive, Randomized Double-Blind, Placebo-Controlled Trial of the Safety, Tolerability and Efficacy of AntiCoronavirus Hyperimmune Intravenous Immunoglobulin for the Treatment of Adult Hospitalized Patients at Onset of Clinical Progression of COVID-19	
	<p>Principal Investigator</p> <p>Dr. Aparna Mukherjee</p> <p>Scientist E Indian Council of Medical Research (ICMR), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 5,64,91,200</p> <p>Duration 9 Months</p> <p>Subject area COVID-19</p>
	Approved . Due to the urgency to start the work (in view of public health emergency), the Chairman, HMSC granted expedited approval for the study on 20 th January, 2021. However, the PI has been requested to submit the following documents before initiation of the study: i. CTRI registration number ii. Approval of Central Ethics Committee iii. Duly signed Material Transfer Agreement (in prescribed ICMR format) The committee endorsed the decision.	
18.	A Phase 2/3, Observer-blind, Randomized, Controlled Study to Determine the Safety and Immunogenicity of Covovax [Sars-cov-2 Recombinant Spike Protein Nanoparticle Vaccine (Sars-cov-2 Rs) With Matrix-m1™ Adjuvant] in Indian Adults	
	<p>Principal Investigator</p> <p>Dr. Abhijit Vasantrao Kadam</p> <p>Scientist C ICMR-National AIDS Research Institute (ICMR-NARI), Pune-411026, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Novavax, Inc., USA and 360biolabs, Australia</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 9,96,12,740</p> <p>Duration 12 Months</p> <p>Subject area COVID-19</p>
	Approved.	

S. No.	Details of the Project	
19.	Edoxaban for Intracranial Hemorrhage survivors with Atrial Fibrillation (ENRICH-AF)	
	<p>Principal Investigator</p> <p>Dr. Denis B Xavier</p> <p>Professor St John's Research Institute, Bangalore- 560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Population Health Research Institute (PHRI), Canada</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 3,37,22,451</p> <p>Duration 36 Months</p> <p>Subject area Neurology</p>
	Approved.	
20.	Accelerating Access and uptake of HIV Self-Testing (HIVST) in India	
	<p>Principal Investigator</p> <p>Mrs. Alpana Dange</p> <p>Director The Humsafar Trust, Mumbai-400055, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Population Services International, USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 3,16,30,729</p> <p>Duration 12 Months</p> <p>Subject area HIV/AIDS/ STD</p>
	Approved with suggestions.	

S. No.	Details of the Project	
21.	Tools for the Integrated Management of Childhood Illness (TIMCI) Evaluation of pulse oximetry and clinical decision support algorithms in primary care. Pragmatic cluster randomised controlled trial, with embedded mixed methods, cost and cost-effectiveness studies in India and Tanzania	
	<p>Principal Investigator</p> <p>Dr. Shally Awasthi</p> <p>Professor & Head King George Medical University, Lucknow-226003, Uttar Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Program for Appropriate Technology in Health (PATH), USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 13,27,235</p> <p>Duration 12 Months</p> <p>Subject area Child Health</p>
	Approved (PI has confirmed that there is no IPR issue & only de-identified data will be shared for analysis with foreign collaborator)	
22.	Early versus Late initiation of direct oral Anticoagulants in post-ischaemic stroke patients with atrial fibrillation (ELAN): an international, multicentre, randomised-controlled, two-arm, assessor-blinded trial	
	<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>Swiss National Science Foundation, Switzerland; Swiss Heart Foundation, Switzerland and Stroke Association.</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 25,20,000</p> <p>Duration 48 Months</p> <p>Subject area Neurology</p>
	<p>Approved for 3 centers i.e. AIIMS, New Delhi; Amrita Institute of Medical Science, Ponekkara, Kochi and Artemis Hospital, Gurgaon subject to the submission of following documents to ICMR before initiation of the study.</p> <p>i. The Insurance Certificate for the participants.</p> <p>ii. IEC clearances of remaining 7 sites conveying clear cut approval of the study.</p>	

S. No.	Details of the Project	
23.	International study of COVID-19 Antibody Response under Sustained immune suppression in Inflammatory Bowel Disease (IBD)	
	<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>The Leona M. and Harry B. Helmsley Charitable Trust, USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 24,93,111</p> <p>Duration 18 Months</p> <p>Subject area COVID-19</p>
	Approved subject to submission of an adequate duly signed agreement on data protection & safety by all the PIs involved.	
24.	Crohn's Disease (CD) in South Asians: Defining disease biology for prevention and better treatment	
	<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>The Leona M. and Harry B. Helmsley Charitable Trust, USA</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 1,02,49,680</p> <p>Duration 36 Months</p> <p>Subject area Gastroenterology</p>
	Approved.	

S. No.	Details of the Project	
25.	Genomic markers for pathological variants and transmission of leprosy bacilli	
	<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>The Leprosy Mission Canada (R2STOP), Canada</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs. 14,73,322</p> <p>Duration 24 Months</p> <p>Subject area Leprosy</p>
	Approved.	
26.	Prolonged Mechanical Ventilation Pediatric Intensive Care: An International Cross-Sectional Prevalence Study	
	<p>Principal Investigator</p> <p>Dr. Tamil Selvan</p> <p>Professor Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER), Puducherry-605006</p>	<p>Funding/Collaborating Agency</p> <p>University of Montreal, Canada & University of Ottawa, Canada</p> <p>Date of approval February 24, 2021</p> <p>Total budget NA</p> <p>Duration 24 Months</p> <p>Subject area Child Health</p>
	Approved only for JIPMER, Puducherry & AIIMS, New Delhi/Raipur at present. Other two Centers viz. PGIMER, Chandigarh & CMC, Vellore should submit Institutional Ethics Committee clearances to ICMR before initiation of the study.	

S. No.	Details of the Project	
27.	Study of morphometric networks in patients with Parkinson's disease Psychosis	
	<p>Principal Investigator</p> <p>Dr. Pramod Kumar Pal</p> <p>Professor National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore-560029, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>University of Munich, Germany</p> <p>Date of approval February 24, 2021</p> <p>Total budget NA</p> <p>Duration 12 Months</p> <p>Subject area Neurology</p>
	Approved . However, the duly signed data sharing agreement should be shared with ICMR before initiation of the study.	
28.	An International Survey of Ethics Committees (ECs)/ Institutional Board Review (IRBs): Challenges and Practices Arising during Public Health Emergencies (PHEs)	
	<p>Principal Investigator</p> <p>Dr. Roli Mathur</p> <p>Scientist F & Head ICMR-National Centre for Disease Informatics and Research (ICMR-NCDIR), Bangalore-562110, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization</p> <p>Date of approval February 24, 2021</p> <p>Total budget NA</p> <p>Duration 3 Months</p> <p>Subject area COVID-19</p>
	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 11 th February, 2021. The Committee endorsed the decision.	

S. No.	Details of the Project	
29.	Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	
	<p>Principal Investigator</p> <p>Dr. Leyanna Susan George</p> <p>Associate Professor Amrita Institute of Medical Sciences and Research Centre, Kochi-682041, Kerala</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization - South-East Asia Regional Office (WHO- SEARO)</p> <p>Date of approval February 24, 2021</p> <p>Total budget Rs.66,55,000</p> <p>Duration 12 Months</p> <p>Subject area COVID-19</p>
	<p>The project was considered during the HMSC meeting held on 6th January, 2021 and was Not Approved. PI of the project has provided clarifications/responses to the comments raised by HMSC. The concerned Scientific Division of ICMR has recommended the project in view of India's contribution to global data and the study can be conducted among the healthcare workers who have not been vaccinated. Institutional Ethics Committee of all participating institutes have also agreed for the same. Chairman, HMSC approved the study on 28th January, 2021. The Committee endorsed the decision.</p>	