

**List of International Collaborative Research Projects Approved by HMSC
during meeting held on 14th August, 2020 (through VC)**

S. No.	Details of the Project	
1.	Genome-Wide Association Studies (GWAS) to identify loci associated with steroid sensitive nephrotic syndrome	
	<p>Principal Investigator</p> <p>Dr. Arvind Bagga</p> <p>Professor All India Institute of Medical Sciences (AIIMS), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>Agence National de la Recherche, France</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 36 Months</p> <p>Subject area Paediatric Nephrology</p>
	Approved with condition.	
2.	Surviving Violence: Everyday resilience and gender justice in rural-urban India	
	<p>Principal Investigator</p> <p>Prof. Satish B Agnihotri</p> <p>Professor Indian Institute of Technology Bombay, Powai, Mumbai-400076, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>British Academy-GCRF Heritage, UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 48,42,377</p> <p>Duration 21 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved .	

S. No.	Details of the Project	
3.	Gut microbiota in diabetic and non-diabetic Indians	
	<p>Principal Investigator</p> <p>Dr. Sailesh Mohan</p> <p>Honorary Senior Scientist Centre for Chronic Disease Control (CCDC), New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>Columbia University, USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 3,77,080</p> <p>Duration 24 Months</p> <p>Subject area Endocrinology</p>
	Approved .	
4.	The Regional Prospective Observational Research For Tuberculosis (RePORT) India Phase II Common Protocol (Report India Phase II Common Protocol)	
	<p>Principal Investigator</p> <p>Dr. Bhavani Perumal Kannabiran</p> <p>Scientist D ICMR-National Institute for Research in Tuberculosis (ICMR-NIRT), Chennai-600031, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>CRDF Global, USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 62,69,400</p> <p>Duration 60 Months</p> <p>Subject area Tuberculosis</p>
	Approved with condition.	

S. No.	Details of the Project	
5.	Mapping the inflammation and epigenetics landscape of gestational diabetes mellitus in Indian mothers and their babies	
	<p>Principal Investigator</p> <p>Prof. Sanjay Kumar Bhadada</p> <p>Professor Postgraduate Institute of Medical education and research (PGIMER), Chnadigarh-160012</p>	<p>Funding/Collaborating Agency</p> <p>Emory University, USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 52,66,500</p> <p>Duration 36 Months</p> <p>Subject area Endocrinology</p>
	Approved with condition.	
6.	Accurate, Rapid, Robust and Economical diagnostic technologies for Tuberculosis: ARREST-TB	
	<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>European Union (EU)</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 3,77,19,980</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>
	Approved with suggestion.	

S. No.	Details of the Project	
7.	The development and evaluation of an artificial intelligence (AI) image recognition device to improve cervical pre-cancer screening and management in low- and middle-income countries (SAVE- Cervix)	
	<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>International Agency for Research on Cancer (IARC), France</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 18 Months</p> <p>Subject area Oncology</p>
	Approved with conditions.	
8.	COVID-IHPBA: A snapshot study on the outcomes of hepatobiliary and pancreatic surgery during the COVID-19 pandemic: an international, multicentre, observational cohort study	
	<p>Principal Investigator</p> <p>Dr. Shailesh Vinayak Shrikhande</p> <p>Professor Tata Memorial Hospital, Parel Mumbai-400012, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>International Hepato-Pancreato-Biliary Association (IHPBA), USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 10 Months</p> <p>Subject area COVID-19</p>
	Approved with condition.	

S. No.	Details of the Project	
9.	Risk Prediction in Endocervical Adenocarcinoma: International Society of Gynecological Pathologists (ISGyP) Multi Centre Retrospective Observational Study	
	<p>Principal Investigator</p> <p>Dr. Radhika Srinivasan</p> <p>Professor Postgraduate Institute of Medical education and research (PGIMER), Chnadigarh-160012</p>	<p>Funding/Collaborating Agency</p> <p>International Society of Gynecological Pathologists and Queen Mary University of London, UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Oncology</p>
	Approved .	
10.	Semi-structured interviews to inform the translational development of latestage tuberculosis vaccine candidates	
	<p>Principal Investigator</p> <p>Dr. Hisham Moosan</p> <p>Member Health Action by People, Thiruvananthapuram-695011, Kerala</p>	<p>Funding/Collaborating Agency</p> <p>London School of Hygiene and Tropical Medicine (LSHTM), UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Tuberculosis</p>
	Approved .	

S. No.	Details of the Project	
11.	Use of novel in-vitro diagnostic technologies (NAOR platform, Terasystem Breath Analyzer, VIRION test and Voice Pattern test) and RT-PCR for rapid testing of SARS-CoV-2 in Indian population	
	<p>Principal Investigator</p> <p>Dr. Reena Mariya</p> <p>Director Defense Institute of Physiology & Allied Science (DIPAS), New Delhi-110054</p>	<p>Funding/Collaborating Agency</p> <p>MoU between DRDO, India and DDR&D, Israel</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 3 Months</p> <p>Subject area COVID-19</p>
	Approved with suggestion.	
12.	Treatment of cardiovascular disease with low dose Rivaroxaban in Advanced Chronic Kidney Disease (TRACK)	
	<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 August 14, 2020</p> <p>Total budget Rs. 1,99,00,000</p> <p>Duration 60 Months</p> <p>Subject area Nephrology</p>
	Approved with condition.	

S. No.	Details of the Project	
13.	Addressing Smokeless Tobacco Use and Building Research Capacity in South Asia (ASTRA) – Policy Work Stream	
	<p>Principal Investigator</p> <p>Dr. Monika Arora</p> <p>Executive Director Health Related Information Dissemination Amongst Youth (HRIDAY), New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>National Institute for Health Research (NIHR), UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 58,28,499</p> <p>Duration 36 Months</p> <p>Subject area Smokeless Tobacco</p>
	Approved with suggestion.	
14.	Establishing sentinel sero-surveillance to monitor the trend of SARS-nCoV-2 infection transmission in the general population in rural Western India	
	<p>Principal Investigator</p> <p>Dr. Sanjay Kamlakar Juvekar</p> <p>Associate Professor KEM 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 August 14, 2020</p> <p>Total budget Rs. 8,29,07,00</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 27 th July, 2020. The Committee endorsed the decision.	

S. No.	Details of the Project	
15.	Redesigning primary care to reduce cardiovascular mortality: population preferences for hypertension care in India	
	<p>Principal Investigator</p> <p>Prof. Dorairaj Prabhakaran</p> <p>Professor and Vice President Public Health Foundation of India, Gurugram-122002, Haryana</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 26,66,690</p> <p>Duration 12 Months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved .	
16.	Precision Cardiovascular Disease Phenotyping and Pathophysiological Pathways in the CARRS cohort (Precision-CARRS)	
	<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 August 14, 2020</p> <p>Total budget Rs. 81,12,25,800</p> <p>Duration 60 Months</p> <p>Subject area Cardiovascular Diseases</p>
	Approved with conditions.	

S. No.	Details of the Project	
17.	Retrospective review of high-dose methotrexate patterns of use, supportive care and outcomes	
	<p>Principal Investigator</p> <p>Dr. Ramandeep Arora</p> <p>Senior Consultant Max Super Speciality hospital, Saket (A Unit of Devki Devi Foundation), New Delhi-110017</p>	<p>Funding/Collaborating Agency</p> <p>Resonance, USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 12 Months</p> <p>Subject area Oncology</p>
	Approved with condition.	
18.	Effects of improved information and volunteer support on sorting and segregation of solid waste at the household level in urban settings in Madhya Pradesh, India (I-MISS)	
	<p>Principal Investigator</p> <p>Dr. Vishal Diwan</p> <p>Scientist E ICMR- National Institute for Research in Environmental Health (ICMR - NIREH), Bhopal-462001, Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Swedish Research Council (SRC), Sweden</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 1,27,78,224</p> <p>Duration 36 Months</p> <p>Subject area Environmental Health</p>
	Approved .	

S. No.	Details of the Project	
19.	COVID-19 Pandemic and its impact on dental students	
	<p>Principal Investigator</p> <p>Prof. Kamal Anand Shigli</p> <p>Professor DY Patil Dental School, Lohegaon, Pune-412105, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>The University of Iowa, USA</p> <p>Date of approval August 14, 2020</p> <p>Total budget Nil</p> <p>Duration 1 Month</p> <p>Subject area COVID-19</p>
	Approved .	
20.	Assessing the tobacco consumption patterns and willingness to quit among tobacco users during COVID-19 lockdown in India	
	<p>Principal Investigator</p> <p>Dr. Monika Arora</p> <p>Executive Director Health Related Information Dissemination Amongst Youth (HRIDAY), New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>University of Edinburgh, UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 7,56,346</p> <p>Duration 2 Months</p> <p>Subject area COVID-19</p>
	Approved . Due to the urgency to start the work (in view of public health emergency) the Chairperson, HMSC had approved the study on 3 rd July, 2020. The Committee endorsed the decision.	

S. No.	Details of the Project	
21.	Targeted Oxygenation in the Respiratory care of Premature Infants at Delivery: Effects on Outcome (TORPIDO 30/60)	
	<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 Sydney, Australia</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 8,24,944</p> <p>Duration 36 Months</p> <p>Subject area Child Health</p>
	Approved with condition.	
22.	Grid Oncology: Remaking Cancer Care in India (GO Study)	
	<p>Principal Investigator</p> <p>Dr. Conjeevaram Shanmugham Pramesh</p> <p>Professor and Director Tata Memorial Hospital, Parel Mumbai-400012, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 30,36,329</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
23.	World Heart Federation COVID-19 and Cardiovascular disease (CVD) survey	
	<p>Principal Investigator</p> <p>Dr. Dorairaj Prabhakaran</p> <p>Professor and Vice President Public Health Foundation of Inida, Gurugram-122002, Haryana</p>	<p>Funding/Collaborating Agency</p> <p>World Heart Federation (WHF), Switzerland</p> <p>Date of approval August 14, 2020</p> <p>Total budget Rs. 1,05,28,462</p> <p>Duration 18 Months</p> <p>Subject area COVID-19</p>
	Approved with condition.	