

**List of International Collaborative Research Projects Approved by HMSC
during meeting held on 30th November, 2022**

S. No.	Details of the Project	
1.	Utility of the BCID2 panel in promoting antimicrobial stewardship activities in a tertiary care centre in India- A pre-post quasi-experimental study	
	<p>Principal Investigator</p> <p>Dr Umang Agrawal</p> <p>Consultant P.D. Hinduja Hospital & Medical Research Centre, Mumbai-400016, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>BioFire Biomerieux, USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 1,101,770</p> <p>Duration 9 Months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved.	
2.	Global Action in Healthcare Network (GAIHN) - Antimicrobial Resistance, India, Enhanced infection control and prevention driven by targeted surveillance	
	<p>Principal Investigator</p> <p>Dr Shaoli Basu</p> <p>Consultant P.D. Hinduja Hospital & Medical Research Centre, Mumbai-400016, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>Centers for Disease Control and Prevention, USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 264,536,064</p> <p>Duration 48 Months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved.	

S. No.	Details of the Project	
3.	RAPIDIRON KIDS Study	
	<p>Principal Investigator</p> <p>Dr Mrutyunjaya Basavanneppa Bellad</p> <p>Professor Jawaharlal Nehru Medical College, Belgaum-590010, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Children's Investment Fund Foundation, London, UK</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 77,186,478</p> <p>Duration 48 Months</p> <p>Subject area Child Health</p>
	Approved.	
4.	NutriAIDE – Building smart food environments for improved nutrition	
	<p>Principal Investigator</p> <p>Dr SubbaRao M Gavaravarapu</p> <p>Scientist F ICMR-National Institute of Nutrition (ICMR-NIN), Hyderabad-500007, Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Federal Ministry of Food and Agriculture - BMEL, Germany</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 7,547,184</p> <p>Duration 36 Months</p> <p>Subject area Nutrition</p>
	Approved.	

S. No.	Details of the Project	
5.	Augmented Infant Resuscitator (AIR): Transitioning a novel behavior change innovation to drive newborn ventilation skills enhancement	
	<p>Principal Investigator</p> <p>Dr Sangappa Mallappa Dhaded</p> <p>Professor Jawaharlal Nehru Medical College, Belgaum-590010, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Grand Challenges, Canada</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 8,603,881</p> <p>Duration 13 Months</p> <p>Subject area Child Health</p>
	Approved with suggestion.	
6.	Multicentre study of mismatch repair deficiency in pediatric and young adult gliomas	
	<p>Principal Investigator</p> <p>Dr Paromita Roy</p> <p>Consultant Tata Medical Center (TMC), Kolkata - 700156, West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>Hospital for Sick Children, Canada</p> <p>Date of approval November 30, 2022</p> <p>Total budget Nil</p> <p>Duration 60 Months</p> <p>Subject area Oncology</p>
	Approved with condition.	

S. No.	Details of the Project	
7.	Post COVID-19 condition as a threat to healthy ageing: a randomized controlled trial of yoga to improve quality of life	
	<p>Principal Investigator</p> <p>Prof Dileep Mavalankar</p> <p>Director Indian Institute of Public Health, Gandhinagar-382042, Gujarat</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-FORTE, Sweden Collaboration</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 13,933,971</p> <p>Duration 36 Months</p> <p>Subject area Public Health</p>
	Approved.	
8.	Development and feasibility of a digital intervention for common mental health problems among older adults	
	<p>Principal Investigator</p> <p>Prof Amit Chakrabarti</p> <p>Scientist F ICMR-Centre for Ageing and Mental Health (ICMR-CAMH), Kolkata - 700091, West Bengal</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-FORTE, Sweden Collaboration</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 14,620,000</p> <p>Duration 36 Months</p> <p>Subject area Geriatrics</p>
	Approved with condition.	

S. No.	Details of the Project	
9.	Healthy ageing for Indigenous communities in India and Sweden with focus on nutritious and culturally adequate food provision	
	<p>Principal Investigator</p> <p>Prof Vidya sagar</p> <p>Professor Rajendra Institute of Medical Sciences , Jharkhand-834009, Ranchi</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-FORTE, Sweden Collaboration</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 14,970,620</p> <p>Duration 36 Months</p> <p>Subject area Geriatrics</p>
	Approved.	
10.	m-Health based intervention by community workers to support family caregivers to persons with dementia living at home	
	<p>Principal Investigator</p> <p>Dr Pankaj Bhardwaj</p> <p>Additional Professor All India Institute of Medical Sciences (AIIMS), Jodhpur-342005, Rajasthan</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-FORTE, Sweden Collaboration</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 10,173,168</p> <p>Duration 36 Months</p> <p>Subject area m-Health</p>
	Approved with condition.	

S. No.	Details of the Project	
11.	A site feasibility and prospective cohort study of hospitalized adults and children with serious bacterial infection caused by carbapenem-resistant organisms, with focus on CREP	
	<p>Principal Investigator</p> <p>Prof George M Varghese</p> <p>Professor & Head Christian Medical College (CMC), Vellore-632004, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>ICMR under ICMR-Global Antibiotic Research and Development Partnership (GARDP) MoU, Switzerland</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 18,980,322</p> <p>Duration 18 Months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved with conditions.	
12.	Access Cancer Care India	
	<p>Principal Investigator</p> <p>Prof Swaminathan Rajaraman</p> <p>Professor & Head Cancer Institute (WIA), Chennai-600036, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>International Agency for Research on Cancer- WHO, France</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 5,200,000</p> <p>Duration 48 Months</p> <p>Subject area Public Health</p>
	Approved with condition.	

S. No.	Details of the Project	
13.	Impact of Cataract Surgery on Productivity - A Multicentre Intervention Study in India, Brazil and Mexico	
	<p>Principal Investigator</p> <p>Dr Rohit C Khanna</p> <p>Professor LV Prasad Eye Institute, Hyderabad-500034, Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Lions Clubs International Foundation, USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 4,433,068.27</p> <p>Duration 36 Months</p> <p>Subject area Public Health</p>
	Approved.	
14.	Pilot study for Intratumoral Administration of 12,4 Diamino-n-Butyric Acid Dihydrochloride (DAB) & Prasocin to ten Recurrent Glioblastoma Patients	
	<p>Principal Investigator</p> <p>Prof Shailesh A V Rao</p> <p>Professor & Head St John Research Institute A Unit of CBCI Society for Medical Education, Bengaluru-560034, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Mediterraneo Hospital, Greece</p> <p>Date of approval November 30, 2022</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area Neurosurgery</p>
	Approved with condition.	

S. No.	Details of the Project	
15.	Exploring the determinants, dynamics and differentials of smoked and smokeless tobacco cessation in low- and middle-income countries: A comparative analysis of GTSS	
	<p>Principal Investigator</p> <p>Prof Monika Arora</p> <p>Professor Public Health Foundation of India (PHFI), Gurugram-122002, Haryana</p>	<p>Funding/Collaborating Agency</p> <p>National Foundation for the Centers for Disease Control and Prevention, Inc. (CDC Foundation), USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 13,592,381</p> <p>Duration 12 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved.	
16.	Temporary childbirth migration: understanding the magnitude and implications for maternal and infant health	
	<p>Principal Investigator</p> <p>Prof Sanjay Kamlakar Juvekar</p> <p>Professor & Head KEM Hospital Research Centre, Pune-412216, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>National Institutes of Health (NIH), USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 43,089,993</p> <p>Duration 60 Months</p> <p>Subject area Social & Behavioural Research</p>
	Approved.	

S. No.	Details of the Project	
17.	Barriers to antimicrobial stewardship in community pharmacies in Indian settings	
	<p>Principal Investigator</p> <p>Dr Ira Praharaj</p> <p>Scientist E ICMR-Regional Medical Research Centre (ICMR-RMRC), Bhubaneswar-751023, Odisha</p>	<p>Funding/Collaborating Agency</p> <p>Pfizer, USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 3,293,640</p> <p>Duration 18 Months</p> <p>Subject area Public Health</p>
	Approved.	
18.	The potential of brown rice for improving health: Investigating the bioaccessibility of its key constituents, and barriers and drivers to consumption	
	<p>Principal Investigator</p> <p>Dr Shanmugam Shobana</p> <p>Research Scientist Madras Diabetes Research Foundation (MDRF), Chennai-600086, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>STFC Food Network, UK</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 887,736</p> <p>Duration 12 Months</p> <p>Subject area Nutrition</p>
	Approved.	

S. No.	Details of the Project	
19.	Investigations on adsorptive removal of antibiotics from water	
	<p>Principal Investigator</p> <p>Dr Vishal Diwan</p> <p>Scientist E ICMR-National Institute for Research in Environmental Health (ICMR-NIREH), Bhopal-462030, Madhya Pradesh</p>	<p>Funding/Collaborating Agency</p> <p>Swedish Research Council Through Department of Global Public Health Karolinska Institutet, Sweden</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 8,175,000</p> <p>Duration 48 Months</p> <p>Subject area Environmental Sciences</p>
	Approved.	
20.	Exploring determinants of undernutrition in patients with inflammatory Bowel Disease: A pilot study	
	<p>Principal Investigator</p> <p>Dr Devendra C Desai</p> <p>Consultant P.D. Hinduja Hospital & Medical Research Centre, Mumbai-400016, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>The International Digital Health & AI Research Collaborative (I-DAIR), Switzerland</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 2,298,900</p> <p>Duration 18 Months</p> <p>Subject area Nutrition</p>
	Approved with condition.	

S. No.	Details of the Project	
21.	Exploring antibiotic prescription practices and AI tool acceptability among healthcare professionals to improve patient outcomes in severe multi drug resistant (MDR) infections: A formative assessment	
	<p>Principal Investigator</p> <p>Prof George M Varghese</p> <p>Professor & Head Christian Medical College (CMC), Vellore-632004, Tamil Nadu</p>	<p>Funding/Collaborating Agency</p> <p>The International Digital Health & AI Research Collaborative (I-DAIR), Switzerland</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 2,195,000</p> <p>Duration 12 Months</p> <p>Subject area Antimicrobial Resistance</p>
	Approved.	
22.	ASHA Intervention to address Post-Partum Depression	
	<p>Principal Investigator</p> <p>Dr Sudha Raddi</p> <p>Professor KLE Academy of Higher Education and Research, Belagavi-590010, Karnataka</p>	<p>Funding/Collaborating Agency</p> <p>Thomas Jefferson University , USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 586,080</p> <p>Duration 6 Months</p> <p>Subject area Mental Health</p>
	Approved.	

S. No.	Details of the Project	
23.	Erythropoietin Monotherapy in Neonatal Encephalopathy in Low and Middle-Income Countries (EMBRACE Trial)	
	<p>Principal Investigator</p> <p>Dr Sutapa Bandyopadhyay Neogi</p> <p>Director International Institute of Health Management Research, New Delhi-110075</p>	<p>Funding/Collaborating Agency</p> <p>Thrasher Research Fund, USA</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 27,458,000</p> <p>Duration 48 Months</p> <p>Subject area Neurodevelopment</p>
	Approved with condition.	
24.	Studies on Molecular Surveillance and Short Course, High Dose Primaquine	
	<p>Principal Investigator</p> <p>Dr Manju Rahi</p> <p>Scientist F Indian Council of Medical Research (ICMR), New Delhi-110029</p>	<p>Funding/Collaborating Agency</p> <p>University of Oxford, UK</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 41,205,129</p> <p>Duration 16 Months</p> <p>Subject area Malaria</p>
	Approved with suggestion.	

S. No.	Details of the Project	
25.	Cognitive Level Enhancement through Vision Exams and Refraction: a randomized controlled trial to assess impact of near and distance spectacles on reducing rates of cognitive decline with aging	
	<p>Principal Investigator</p> <p>Dr Rohit C Khanna</p> <p>Professor LV Prasad Eye Institute, Hyderabad-500034, Telangana</p>	<p>Funding/Collaborating Agency</p> <p>Wellcome Trust, UK</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 55,477,078.43</p> <p>Duration 36 Months</p> <p>Subject area Public Health</p>
	Approved.	
26.	Implementation Research to promote treatment of pneumonia in under-five children in a north Indian district to achieve high population-based coverage	
	<p>Principal Investigator</p> <p>Dr Sarmila Mazumder</p> <p>Deputy Director Center for Health Research and Development, Society for Applied Studies, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO), Switzerland</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 27,999,930</p> <p>Duration 20 Months</p> <p>Subject area Child Health</p>
	Approved.	

S. No.	Details of the Project	
27.	Nutritional management of growth faltering in infants aged under six months in Asia and Africa. An individually randomised trial	
	<p>Principal Investigator</p> <p>Dr Nita Bhandari</p> <p>Director Center for Health Research and Development, Society for Applied Studies, New Delhi-110016</p>	<p>Funding/Collaborating Agency</p> <p>World Health Organization (WHO), Switzerland</p> <p>Date of approval November 30, 2022</p> <p>Total budget Rs. 146,001,258</p> <p>Duration 40 Months</p> <p>Subject area Public Health</p>
	Approved.	
28.	Participation in International Cardiac Rehabilitation Registry	
	<p>Principal Investigator</p> <p>Mrs Mariya Prakash Jiandani</p> <p>Associate Professor Seth G.S Medical College and K.E.M Hospital, Mumbai-400012, Maharashtra</p>	<p>Funding/Collaborating Agency</p> <p>York University, Canada</p> <p>Date of approval November 30, 2022</p> <p>Total budget Nil</p> <p>Duration 24 Months</p> <p>Subject area CardioVascular Diseases</p>
	Approved.	