



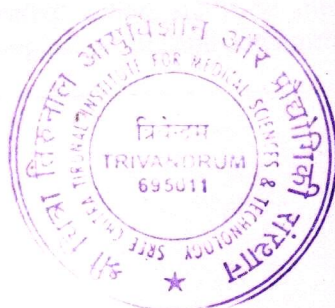
**TIME BOUND**  
**PARLIAMENT QUESTION**

**Sub:** Lok Sabha Unstarred Question No. 1965 due for reply on 12.02.2022 on the subject “*Medical Research for Treatment of Infectious Disease*”.

Point-wise inputs submitted by **Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum (SCTIMST).**

(a)	Whether the Government has taken initiative to encourage medical research for the treatment of infectious and other diseases, if so, the details thereof;	Achutha Menon Centre for Health Science Studies (AMCHSS) and the Department of Microbiology of SCTIMST is encouraging medical research for the treatment of infectious and other diseases. The details of the various study/project initiated by SCTIMST is listed in the <u>Annexure I</u> .
(b)	Whether the Government has taken initiative to seek help from foreign medical institutes to improve and expedite the level of research in medical science:	Yes, SCTIMST has got help from foreign medical institutes to improve and expedite the level of research in medical science.
(c)	If so, the details thereof; and	ICMR got technical support from Johns Hopkins University (JHU), USA and the DHR had released fund amount to SCTIMST for this purpose.
(d)	The funds allocated for research to higher education medical institutions during the last three years along with the details of the research carried out by the researchers?	Not applicable.

Date: 08.02.2022



**DIRECTOR**

निदेशक / DIRECTOR  
श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान  
Sree Chitra Tirunal Institute for  
Medical Sciences and Technology  
त्रिवेन्द्रम / Trivandrum-695011



Details of medical research for the treatment of infectious and other diseases in SCTIMST

<i>Sl. No.</i>	<i>Project title</i>	<i>Funding agency</i>
1	The "Impact of Measles-Rubella Vaccination campaign on population Immunity in India (IMRVI)" which was funded by the Department of Health Research.	ICMR study funded by the Department of Health Research and completed in 2019.
2	A prospective cohort study on cerebrospinal fluid (CSF) diversion catheter-related infections in a tertiary referral neurosurgical care center.	Indian Council of Medical Research (ICMR)
3	Role of novel <b>Biomarkers</b> and clinical <b>Scoring</b> systems in predicting progression to Sepsis in infected post-Cardiac Surgery patients ( <b>BioSSCaS study</b> )	SCTIMST Hospital seed fund grant
4	Development of rapid diagnostic kits for sepsis (procalcitonin-based) and <i>Chlamydia trachomatis</i> ( <i>Proof of concept stage</i> )	Department of Science and Technology (DST) – Technical Research Centre (TRC) for Biomedical Devices
5	Point care of detection of <i>Human Papilloma</i> virus using loop mediated amplification of DNA.	Department of Science and Technology (DST) – Technical Research Centre (TRC) for Biomedical Devices
6	Development and Evaluation of Air borne infection control systems for healthcare facilities.	Technology Development Fund, SCTIMST
7	Development of Rapid diagnostic kits for sepsis and <i>chlamydia trachomatis</i> .	Department of Science and Technology (DST) – Technical Research Centre (TRC) for Biomedical Devices
8	Development of real time RT-PCR assay for detection of SARS-CoV2.	Technology Development Fund, SCTIMST
9	Development of a rapid technique for identification and characterization of clinical <i>Acinetobacter baumannii</i> isolates using Raman spectroscopy.	Unfunded IEC approved pilot project
10	Rapid Diagnostic Kits for SARS-CoV-2 Detection (IgG & IgM antibody testing kit)	Department of Science and Technology (DST) – Technical Research Centre (TRC) for Biomedical Devices
11	Whole Genome Sequencing to understand the evolution of COVID 19 clusters in Healthcare workers and inpatients in a non-COVID tertiary care hospital and the impact of vaccination and selection pressure on the genome of SARS CoV2.	Unfunded IEC approved study - Peer reviewed study
12	A prospective cohort study on Infective Endocarditis-microbiological profile and outcomes.	Unfunded IEC approved study - Peer reviewed study