

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO. 422
TO BE ANSWERED ON 21.07.2023**

GENOME SEQUENCING LABORATORIES

422. SHRI THIRUMAAVALAVAN THOL:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) the number of genome sequencing laboratories functional in the country, State/UT-wise;
- (b) the details of genome sequencing laboratories in Government and Private sectors, State/UT-wise;
- (c) whether the Government has any plan to establish more genome sequencing laboratories in the country; and
- (d) if so, the details thereof?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(PROF. SATYA PAL SINGH BAGHEL)**

(a) to (d):

71 laboratories are functional under Indian SARS-CoV-2 Genomic Consortium to monitor the genomic variations in SARS-CoV-2. The State/UTs- wise list of laboratories in government and private sector is at Annexure .

Any public or private sector laboratory can submit an Expression of Interest for joining INSACOG network and they are taken as part of consortium as per the guidelines issued by Department of Biotechnology.

Annexure

Name of States / UTs	Name of INSACOG Genome Sequencing laboratories	Category
Andhra Pradesh	Siddharth Medical College, Vijaywada	Government
Assam	North East Institute of Science and Technology (NEIST), Jorhat	Government
	Regional Medical Research Centre (RMRC-NE), Dibrugarh	Government
Bihar	Indira Gandhi Institute of Medical Sciences (IGIMS), Patna	Government
Chandigarh	Institute of Microbial Technology (IMTECH), Chandigarh	Government
Chhattisgarh	All India Institute of Medical Sciences, (AIIMS), Raipur	Government
Dadra & Nagar Haveli	Shri Vinoba Bhawe Civil Hospital & NAMO Medical Education & Research Institute	Government
Goa	North Goa Hospital, Goa	Government
Gujarat	Gujarat Biotechnology Research Centre (GBRC), Gandhinagar	Government
Haryana	Translational Health Science and Technology Institute, Faridabad	Government
	Maharshi Dayanand University, Rohtak	Government
Himachal Pradesh	Shri Lal Bahadur Shastri Government Medical College, Mandi	Government
Jammu and Kashmir	Sher-i-Kashmir Institute of Medical Sciences, Srinagar	Government
Jharkhand	Rajendra Institute of Medical Sciences, (RIMS) Ranchi	Government
Karnataka	InSTEM, Bengaluru	Government
	Centre for Brain Research - Indian Institute of Science, Bangalore	Government
	Kempegowda Institute of Medical Sciences (KIMS), Bengaluru	Non Govt. Organization
	National Institute of Mental Health and Neuro Sciences Hospital (NIMHANS), Bengaluru	Government
	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru	Government
	Mysore Medical College & Research Institute	Government
	Bangalore Medical College & Research Institute, Bengaluru	Government
	Strand Life Sciences Pvt. Ltd., Bengaluru	Private Sector
Kerala	Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram	Government
Ladakh	Genomic Sequencing Lab, Chuchot	Government
Madhya Pradesh	Sri Aurobindo Institute of Medical Sciences & Post Graduate Institute (SAIMS & PGI), Indore	Non Govt. Organization
	All India Institute of Medical Sciences (AIIMS), Bhopal	Government
	Defence Research & Development Establishment, Gwalior	Government
Maharashtra	National Chemical Laboratory (NCL), Pune	Government
	National Centre for Cell Science (NCCS), Pune	Government
	Byramjee Jeejeebhoy Government Medical College (BJGMC), Pune	Government
	Indian Institute of Science Education and Research (IISER), Pune	Government
	National Institute of Virology (NIV), Pune	Government

	Kasturba Hospital for infectious Diseases, Mumbai	Government
	National Environmental Engineering Research Institute, Nagpur	Government
	Haffkine Institute of Training & Research, Mumbai	Government
	All India Institute of Medical Sciences (AIIMS), Nagpur	Government
	SRL Limited, Mumbai	Private Sector
Manipur	Institute of Bioresources and Sustainable Development (IBSD), Imphal	Government
Meghalaya	Pasteur Institute, Shillong	Government
Mizoram	Zoram Medical College, Mizoram	Government
New Delhi	Institute of Genomics and Integrative Biology (IGIB), Delhi	Government
	National Centre for Disease Control (NCDC), Delhi	Government
	All India Institute of Medical Sciences, (AIIMS), New Delhi	Government
	Institute of Liver and Biliary Sciences (ILBS), New Delhi	Government
	Lok Nayak Hospital- Maulana Azad Medical College, Delhi	Government
	National Institute of Immunology, Delhi	Government
	CARINGdx Mahajan Imaging Pvt. Ltd., Delhi	Private Sector
	Gene String Diagnostics, Delhi	Private Sector
Odisha	Institute of Life Sciences (ILS), Bhubaneswar	Government
	Regional Medical Research Centre (RMRC), Bhubaneswar	Government
Punjab	Government Medical College, Patiala	Government
Rajasthan	Mahatma Gandhi Medical College (MGMC), Jaipur	Non Govt. Organization
	Sawai Man Singh Medical College, Jaipur	Government
	Dr S. N Medical College, Jodhpur	Government
	All India Institute of Medical Sciences, (AIIMS), Jodhpur	Government
Sikkim	STNM Hospital, Gangtok	Government
Tamil Nadu	National Institute for Research in Tuberculosis (NIRT), Chennai	Government
	State Public Health Laboratory, Chennai	Government
Telangana	Centre for Cellular and Molecular Biology (CCMB), Hyderabad	Government
	Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad	Government
	Gandhi Medical College (GMC), Secunderabad	Government
Tripura	Agartala Medical College, Agartala	Government
Uttar Pradesh	Central Drug Research Institute (CDRI), Lucknow	Government
	National Botanical Research Institute (NBRI), Lucknow	Government
	King George Medical University, Lucknow	Government
	Institute of Medical Sciences, BHU, Benaras	Government
Uttarakhand	Government Doon Medical College (GDMC), Dehradun	Government
	Government Medical College, Haldwani	Government
	Veer Chandra Singh Garhwali Govt Institute of Medical Sciences and Research, Garhwal	Government
West Bengal	National Institute of Biomedical Genomics (NIBMG), Kalyani	Government
	Indian Institute of Chemical Biology (IICB), Kolkata	Government