

17 COVID-19 Bio-repositories have been notified by Government of India

The samples taken are being used to develop validated diagnostics, therapeutics and vaccines etc. for COVID19 prevention, control and treatment

Additionally the samples are a valuable resource for research and development related activities

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A total of 17 COVID-19 Bio-repositories have been notified by Government of India on 23-05-2020. These are set up at laboratories of Department of Biotechnology (DBT), Council of Scientific & Industrial Research (CSIR) and Indian Council of Medical Research (ICMR). The list of Bio-repositories is given below.

A total of 90,361 samples (Serum, Nasopharyngeal swab, Plasma, Peripheral Blood Mononuclear Cells etc.) have been archived so far across the 17 National COVID19 bio-repositories. 11,650 samples have been archived in ICMR COVID-19 bio-repositories, 41,239 samples have been archived in DBT COVID-19 bio-repositories and 37,472 samples have been archived in CSIR COVID-19 bio-repositories.

These samples are being used to develop validated diagnostics, therapeutics and vaccines etc. for COVID19 prevention, control and treatment. Additionally the samples are a valuable resource for research and development related activities to understand the early predictors of disease severity, immunopathogenesis of the disease etc.

List of COVID-19 Bio-repositories notified by Government of India:

COVID-19 Bio-repositories at DBT institutes:

1. DBT-NCR Biotech Cluster- Translational Health Science and Technology Institute & Regional Centre for Biotechnology, Faridabad
2. DBT- Institute of Life Sciences, Bhubaneswar
3. DBT – Institute for Stem Cell Science and Regenerative Medicine, Bangalore
4. DBT funded Biorepository – Institute of Liver and Biliary Sciences, New Delhi
5. DBT- National Centre for Cell Science, Pune

COVID-19 Bio-repositories at ICMR institutes:

6. ICMR- National Institute of Virology (NIV), Pune
7. ICMR-NIV Field Unit, Bangalore
8. ICMR-NIV Field Unit, Allapuzha, Kerala
9. ICMR- National Institute of Cholera and Enteric Diseases, Kolkata
10. ICMR- National Institute of Occupational Health, Ahmedabad
11. ICMR- National Institute for Implementation Research on Non-Communicable Diseases, Jodhpur
12. ICMR- National Institute of Malaria Research, Delhi
13. ICMR- National Institute of Epidemiology, Chennai
14. ICMR- National Institute for Research in Reproductive Health, Mumbai

COVID-19 Bio-repositories at CSIR institutes:

15. CSIR – Institute of Genomics and Integrative Biology, N. Delhi
16. CSIR – Centre for Cellular & Molecular Biology, Hyderabad
17. CSIR - Institute of Microbial Technology, Chandigarh

This information was given by the Minister of Science & Technology; Earth Science and Health & Family Welfare Dr. Harsh Vardhan in the Lok Sabha today.

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