

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY**

**LOK SABHA  
UNSTARRED QUESTION NO. 2073  
TO BE ANSWERED ON 02.08.2023**

**Central Database of Genome Sequencing**

2073. SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether the Government is considering a policy of Central database of genome sequencing of diseases including cancer so that serious disease can be prevented in advance;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

**ANSWER  
MINISTER OF STATE (INDEPENDENT CHARGE)  
FOR THE MINISTRY OF SCIENCE & TECHNOLOGY  
(DR. JITENDRA SINGH)**

**विज्ञान और प्रौद्योगिकी मंत्रालय के राज्यमंत्री (स्वतंत्र प्रभार)  
(डॉ. जितेंद्र सिंह)**

**(a) & (b)**

The Department of Biotechnology has formulated Biotech - PRIDE (Biotech - Promotion of Research and Innovation through Data Exchange) guidelines. The Biotech PRIDE Guidelines are applicable for all biological data generated through research conducted within the country. These Guidelines are implemented through Indian Biological DataCentre (IBDC) at Regional Center for Biotechnology, Faridabad supported by Department of Biotechnology. IBDC is a National Repository for biological data generated through research within the country and enables exchange of data to facilitate Research and Innovation, developing measures for safety, standards and quality for datasets and establishing detailed modalities for accessing data. At present, the data center has over 2.5 lakh DNA sequence data sets. This data is useful for research involved in developing cure to different human diseases including cancer. National Institute of Biomedical Genomics (NIBMG), Kalyani, an autonomous institution of DBT maintains a dedicated public database named 'dbGENVOC' for oral cancer (<https://research.nibmg.ac.in/dbcares/dbgenvoc/home.php>).

**(c) Not Applicable**

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