



Department of Biotechnology
Ministry of Science & Technology
Government of India

Extension of Last Date for project submission in the Call for proposals on 'Human Genetic Diseases' till 15.02.2023

Aiming to support Research & Development projects on 'Human Genetic Diseases', the Department of Biotechnology (DBT) invited R&D project proposals built upon innovative ideas on following thrust areas related on **Human Genetic Diseases**:

- ❖ **Rare Genetic Disorders:** To study disease associated genetic variation and development of new diagnostic tests, and targeted treatments for rare genetic disorders.
- ❖ **Discovery of causative genes for various Mendelian disorders** such as cerebral ataxias, cortical malformations, intellectual disability, dystonia, etc.
- ❖ **Genetics of multi-factorial disorders with monogenic component** such as Anencephaly, Parkinson's, Alzheimer's, Cardiovascular disorders, Diabetes etc.
- ❖ **Program on diagnostics development of human genetic diseases** using genetic model organisms.
- ❖ **Creation, Integration, and development of capacity & resources for functional interpretation & validation of disease-associated genetic variations** of Indian Genetic Diseases Database for genetic diseases relevant to India
- ❖ **Transdisciplinary collaborative research exploring the potential of precision medicine** with focus on development of new tools and analytic methods for integrating patient data with information about contextual factors acting at the community or population level to influence health outcomes.
- ❖ **Development of pharmacogenomic and other precision medicine tools** to identify critical biomarkers for disease progression and drug responses in diverse populations.
- ❖ **Translation of pharmacogenomic discoveries into clinical practice** including effective treatments.

Interested researchers should submit project proposals online through DBT electronic project management system 'eProMis' (<http://dbtepromis.nic.in/Login.aspx>) under the Programme 'Human Genetics and Genome Analysis'. Soft copy of the final version of the proposal submitted in epromis alongwith all annexures / declarations etc. should also be send to the program officer by email in the email ID: onkar.dbt@nic.in.

The proposals which are not submitted through DBT eProMis portal may not be considered. In case of any technical difficulties in the eProMis portal, please contact eProMis portal administrator in the email ID: epromis.dbt@nic.in

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