



Department of Biotechnology
Ministry of Science & Technology
Government of India

Call for R & D Proposals on TB Diagnostic Markers

Taking into account the fast spread of multidrug resistant (MDR) and extensively drug resistant (XDR) Tuberculosis (TB), in the country, the challenge is for early and species specific diagnosis of tuberculosis, detection of its drug resistance pattern so that most appropriate treatment can be started and further transmission can be contained.

With the above background, the Department of Biotechnology solicits R&D proposals for development of innovative, field-applicable and cost-effective diagnostic biomarkers in the following thrust areas :

-) Innovative and highly specific point of care test to rule out tuberculosis or a highly sensitive screening test (Triage Test).
-) Diagnostic tests for pediatric tuberculosis.
-) Rapid tests to detect and differentiate non-tuberculous Mycobacteria from *M. tuberculosis* directly in clinical samples
-) Diagnosis of extra-pulmonary tuberculosis (EPTB) using alternative samples such as whole blood, serum/plasma, urine, sweat etc.
-) Diagnostic markers for prognosis and treatment outcome (cure or treatment failure)
-) Host/mycobacterial biomarkers to predict the clinical disease from latent infection.
-) Biomarkers of treatment compliance/ non-compliance.

Eligibility: Proposals may be submitted by scientists/ interdisciplinary groups working in recognized R & D Institutions.

How to Apply:

-) Investigators should use the DBT 'R & D' proposal format available at <http://dbtindia.nic.in> and submit 5 hardcopies of full length proposals duly forwarded by the competent authority by post to Dr. Sandhya R. Shenoy, Joint Director, Department of Biotechnology, Room # 725, Block II, C.G.O. Complex, Lodi Road, New Delhi 110 003.
-) Corresponding online application should be submitted through the ePromis window at www.dbtepromis.nic.in under the area '**Medical Biotechnology - Non-Infectious Diseases, Chronic Disease Biology**' which is mandatory. An electronic copy of the proposal in pdf format may also be sent to sandhya.shenoy@dbt.nic.in
-) DBT support would be eligible for R & D institutions only which are public institutions, private not-for-profit organizations and DSIR recognized R & D centers.
-) All applications are competitive and will be considered on merit as per the standing policy of DBT.

Open DBT epromis website (<http://dbtepromis.nic.in/login.aspx>) and consult the user manual for project Investigator and thereafter go ahead with the submission process under the Programme Area: '**Medical Biotechnology - Non-Infectious Diseases, Chronic Disease Biology**'.

Last Date of Submission: 31st May 2016