



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science and Technology
Government of India

Call for R & D Proposals on Addressal of FOOD ALLERGY

Food Allergy is an abnormal immunological response to certain foods in susceptible subjects. It is estimated that 4% of adults and 8% of children may be allergic to one food or the other at any time. There is a need for studies on the incidence, experimental approaches and therapeutic aspects of food Allergy, for its treatment and management. Taking this into account, the **Department of Biotechnology (DBT) solicits R & D proposals in the following identified thrust areas:-**

- **Generation of prevalence and incidence of food allergy in India:**
 - Generation of prevalence data from community/ population representative of entire country
 - Development of structured and harmonized protocol for a pilot study; that may be used in subsequent all India study.
- **Clinical spectrum of food allergy:**
 - Multidisciplinary approaches having allergists as coordinators representing different regions of India.
 - Immunotherapy for food allergy.
- **Experimental approaches towards food allergy**
 - Simultaneous detection methods of multiple food allergens.
 - Development of *in vivo*/ *in vitro* models for food allergy.
 - Development of non-invasive biomarkers for food allergy.
 - Studies of food allergy associated with newer diseases like (only suggestive) eosinophilic gastrointestinal diseases (non IgE mediated).

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

Screening of proposals: The proposals will be examined by constituted expert committee for consideration of financial support by DBT.

Submission of Proposal:

The R & D proposals are to be submitted online by the following steps:

a) Open DBT epromis website (<http://dbtpromis.nic.in/login.aspx>) and consult the user manual for project Investigator and thereafter submit R & D proposal online to DBT under the programme area : “*Public Health, Food and Nutrition*”. b) Send a soft copy of the R & D proposal by email to vk.addanki@nic.in. c) Also submit 01 hard copies to Dr. A.Vamsi Krishna, Scientist-D, Department of Biotechnology, Block-2, 7th Floor (R.No-726), C.G.O. Complex, Lodhi Road, New Delhi 110003. **Last Date of submission: 15th May 2015**

Last date for submission of proposal has been extended to 15th June 2015