



**Translational Health Science and Technology Institute**  
(An Autonomous Institute of the Department of Biotechnology, Govt. of India)  
**496, Udyog Vihar Phase III, Gurgaon- 122 016**

Recruitment Notice No: THS/RN/24/2012

**Indo-Finnish Post-Doctoral Fellowships in Diagnostics**

The Department of Biotechnology (DBT), Ministry of Science & Technology (Government of India) established the Translational Health Science and Technology Institute (THSTI), an autonomous institution, a part of the interdisciplinary Biotech Science Cluster at Faridabad in the National Capital Region.

2. Major Indian and international institutions mentor the development of THSTI. The institution is designed to be dynamic and interactive with a mission to conduct innovative translational research and develop collaborations across disciplines and professions towards improvement of human health. The other members of the cluster include the Regional Center for Biotechnology (RCB) under the aegis of UNESCO, with which THSTI will collaborate seamlessly to achieve interdisciplinary expertise. The cluster institutions will have access to state of the art experimental facilities and platform technology resources. The permanent laboratories of THSTI will come up at Faridabad over the next two years. Interim facilities are functioning from Gurgaon in the South of New Delhi area.

3. DBT has also initiated a multi-institutional partnership program on Biodesign called the National Biodesign Alliance between Translational Health Science & Technology Institute (THSTI), Regional Centre for Biotechnology, International Centre for Genetic Engineering and Biotechnology, All India Institute of Medical Sciences, Indian Institute of Technology, Delhi, Indian Institute of Technology, Chennai and Christian Medical College, Vellore. Several new partners are expected to join the alliance shortly. This Alliance is coordinated at a secretariat, established at THSTI.

4. The primary mission of the National Biodesign Alliance is to promote research and applications related to affordable implants, devices, in-vitro diagnostics and imaging. It will promote an effective translational route of basic findings ultimately into routine applications of major significance. This will be achieved through a multidisciplinary approach, combining new bio-markers, novel technological concepts and clinical expertise. Major areas of research in the field of in-vitro diagnostics will include protein and antibody engineering, detection technologies and concepts.

5. Translational Health Science & Technology Institute (THSTI), on behalf of the National Biodesign Alliance, invites applications from Indian nationals for the award of **five** post-doctoral fellowships in the diagnostics domain. The fellowships will be mentored by its faculty, under the National Biodesign Alliance. Selected Fellows will have the opportunity to be trained at Department of Biotechnology (DBT), University of Turku (DBUT)/ Technical Research Centre of Finland (VTT)/ Institute for Molecular Medicine Finland (FIMM), University of Helsinki. In addition, the fellows may also attend courses organized by DIANET member institutions in Finland.

6. Department of Biotechnology, University of Turku, Finland, is the international partner in the National Biodesign Alliance. It works closely with Technical Research Centre of Finland (VTT) and Institute for Molecular Medicine Finland (FIMM), University of Helsinki in the area of diagnostics.

7. Following are the conditions to apply for the award of the post-doctoral fellowships:

**(i)Eligibility:** The applicant should hold a MD/Ph.D. or equivalent degree in life sciences / engineering. Aspirants, who have submitted their Ph.D. thesis, are also eligible to apply. Applicants are required to submit a Statement of Purpose (SOP) in 500 words on “how this fellowship will help applicants at a personal level and help them advance diagnostic research and applications in India”.

**(ii)Desirables:** Research experience in recombinant DNA technology or nanotechnology or protein & antibody engineering or material science or novel instruments design with some basic knowledge of the diagnostics area is desirable. Deeper insights in different diagnostic application areas may be considered as special merits.

**(iii)Tenure:** The Fellowship will be awarded for tenure of 2 years, extendable by a further one year, subject to satisfactory progress, as reviewed and recommended by the committee of experts in the host institute. The Award carries a consolidated stipend of USD 3000 or equivalent per month. Travel to Finland will be funded by the DBT. A mobility allowance of Rs. 1,00,000/ year will also be provided that can be used for family health insurance etc.

**(iv)Re-entry:** Based on a separate assessment, fellowships on the lines of Ramalingaswamy fellowships of DBT may be made available on completion of the post-doctoral tenure to enable pursuit of research at institutes under the National Biodesign Alliance.

8. For application, send your recent bio-data, a copy of a passport sized photograph (pasted on right hand corner of the bio-data), copies of at least two key authored

publications and self-attested copies of testimonials to Administrative Officer (P&A) along with a demand draft of Rs.100 drawn in favour of THSTI payable at Gurgaon at the above address by 31<sup>st</sup> Dec, 2012.

9. Candidates working in government /semi government organizations have to route their applications through proper channel or have to produce a “no- objection certificate” at the time of interview.

10. Mere fulfilling of minimum eligibility conditions does not entail a candidate to be called for interview. Only shortlisted candidates will be invited for an interview for the final selection.

11. Canvassing in any form will be a disqualification.