



Department of Biotechnology
Ministry of Science & Technology, Government of India

**CALL FOR PRE-PROPOSALS IN THE AREA OF BIOINFORMATICS
FOR THE INDO-JAPAN COOPERATIONS**

The Department of Biotechnology (DBT), Government of India and the National Institute of Advanced Industrial Science & Technology (AIST, www.aist.go.jp), Japan has signed a MoU to undertake joint activities in the field of Life Sciences and Biotechnology. To begin with it has been proposed to work on Bioinformatics field with the specified areas of interest to both the countries. Four challenging themes are to be taken up through this cooperation which includes (i) Designating Potential Targets in Membrane Proteins, (ii) Designing GPCRs Mimetics, (iii) Designing FIXER for Disorders, and (iv) Designing Cyborg Lectins. These are interdisciplinary research areas comprising of Information Science, Computational Chemistry and Bioinformatics focusing on biological molecules like membrane proteins, disorder proteins and glycol-conjugates. The objective is to utilize bioinformatics tools for analysing sequence and structures of target molecules with potential applications to create artificial proteins from the viewpoint of 'engineering'. While pursuing R&D, it would also be required to develop a protein database with associated software tools.

Towards this the DBT is inviting pre-proposals from the Scientists, Institutions and Industries for carrying out these research activities. Multi-institutional projects and projects in association with the industries would be given preference. The pre-proposals would be short-listed on merits. The short-listed applicants then will be asked to raise full proposals in association with the AIST laboratories. Interested investigators may submit two copies of the pre-proposal through proper channel, as per the format which is available through www.dbtindia.gov.in/bioinformatics.htm (or) www.btisnet.gov.in/bioinformatics.htm. The pre-proposals are to be submitted latest by **28 July 2008**, to Dr T. Madhan Mohan, Adviser, Department of Biotechnology, Block-2, CGO Complex, Lodi Road, New Delhi 110 003. It is necessary to send the softcopy of the proposal through e-mail to madhan@dbt.nic.in

**International Conference on
'Novel Approaches for Food and Health Security in High Altitudes'**
www.nafhsha.com

6–10 September 2008

**Defence Institute of High Altitude Research, DRDO
(Formerly Field Research Laboratory)
Leh Ladakh 194 101, India**

We are witnessing a boom in research and this is the right time to think about an unexplored area of high altitude food and health security. The focal theme of conference '**Enhance performance & sustainable development in high altitudes**' will provide glimpses of futuristic approach in this area. The need to strengthen and sustain the food and health security in high altitudes is very well recognized. To enhance the scientific and technical capabilities towards meeting the theme of the conference, we invite you to take part in the conference and present your research finding. Your participation will improve human life in high altitude through sustainable development of the fragile ecosystem.

Registration and Abstract Submission is Open

Visit the conference website: <http://www.nafhsha.com> or contact Chairperson, NAFHSHA'08, DIHAR, Leh Ladakh, India.
Phone: 91-1982-252947, 255352, 252224; Fax: 91-1982-252096 for further information.

Last date for abstract submission has been extended to 31 July 2008