



**Government of India
Department of Biotechnology
Ministry of Science and Technology
Medical Biotechnology Division – II**

**Inter-Institutional Infectious
Disease Programme Announcement (IIDPA – HEP-C)**

Call for Proposals in Hepatitis C Virus Research

Hepatitis C virus (HCV) represents a significant global health problem due to its remarkable ability to establish persistent infections that lead to progressive liver pathology and a poor sustained response to prevailing therapy.

Proposals are invited from interested researchers under the following specific themes:

- Creation of a blood and tissue Bio-Bank to facilitate basic and clinical research on HCV. The proposal must include a management, sharing and sustenance plan.
- Establish facilities for propagation of HCV to high titers in cell culture with a translational end-point.
- Establish facilities to develop humanized mouse models for *in vivo* testing of candidate vaccines and antivirals.
- Develop improved and low cost diagnostic assay systems for HCV. The proposal must include a blinded testing and validation plan.
- Develop HCV genotype 3 replicons and infectious molecular clones; identification of adaptive mutations and understanding their biological mechanisms.
- Studies on immune responses and pathogenesis of HCV genotype 3 in Indian patients.

Interested scientists can submit their proposals as per details provided on the DBT website www.dbtindia.nic.in under 'Call for Proposals' by **15 November 2012**.

For any query please contact **Sundeep Sarin**, Director, e-mail: sundeep.dbt@gmail.com, Phone: 011-2436 9612.



**Ministry of Science and Technology
Department of Science and Technology, New Delhi**

**DST NRDMS Sponsored Training Programmes on
Hyperspectral Remote Sensing (HSRS) and Applications**

Hyperspectral Remote Sensing (HSRS) is a state-of-the-art, emerging and high potential Remote Sensing (RS) technique. Over the last decade, the data acquisition through satellite and airborne HSRS sensors have revolutionized the resources exploration processes. Currently, HSRS techniques are extensively used in multifaceted fields including natural resources, man made objects, hydrocarbons, planetary-explorations, water and quality, air-pollution, soil, agriculture, forestry-studies, etc. Realizing its importance, the DST-NRDMS, has identified HSRS as one of the major thrust areas of R&D (further details at <http://www.nrdms.gov.in>). To expand the research programme further, DST has sponsored HSRS training programmes as per the following schedule.

Sl. no.	Course	Schedule	Organization	Course Co-ordinator
1.	HSRS and Forestry Applications	21–27 November 2012	M S University, Baroda	Dr N. S. R. Krishnayya hsrsmsu@gmail.com
2.	HSRS and Applications in Earth and Planetary System Sciences	21–26 January 2013	IIT Bombay, Mumbai	Dr D. Ramakrishnan ramakrish@iitb.ac.in
3.	HSRS and Agriculture	13–22 February 2013	IARI, Pusa, New Delhi	Dr R. N. Sahoo rnsahoo@iari.res.in rnsahoo.iari@gmail.com
4.	HSRS and Applications in Water Resources	18–23 March 2013	IIT Kharagpur	Dr B. S. Das bsdas@agfe.iitkgp.ernet.in

Prerequisite for attending the HSRS training shall be experience in multispectral RS and or HSRS. Interested Researchers are advised to contact **Course Co-ordinators** for further details and apply directly to them for participation.

(K. R. Murali Mohan)
Member-Secretary, HSRS PAMC