

Three-day workshop on  
**IN-SITU HYBRIDIZATION**  
at  
**National Institute of Pathology, ICMR, New Delhi**  
**From 2<sup>nd</sup> – 4<sup>th</sup> April, 2014**

National Institute of Pathology is a premier research institute of ICMR that has facilities of diagnostic histopathology and conducts research in various cancers and infectious diseases like leishmania, chlamydia, tuberculosis and leprosy. Its thrust areas of research also include cancers of breast, prostate, urinary bladder, leukemia and lymphomas. Besides these cancers institute is actively involved in cancers from high-risk regions of Northeast India. It is also involved with identification of genetic susceptibility in familial and non-familial cancers and in identification of predictive/prognostic biomarkers and therapeutic targets.

In situ hybridization (ISH) is a technique developed for localizing specific nucleic acid targets within the cellular environment in specific cells of the fixed tissue. This method involves the anatomic localization of labeled RNA or DNA molecules that hybridize with complementary target RNA or DNA sequences in the cell. These hybrids are detected microscopically by using isotopic or non-isotopic methods. The oligonucleotide probe technology is constantly improving and new clinically important applications are being developed.

Although ISH is largely a research tool, it is already making strong inroads into diagnostic histopathology. It has been applied for the detection of various infective agents as well as cytogenetic & chromosomal aberrations in tumor tissues.

A three day hands-on workshop is being organized for medical and biomedical students and professionals at National Institute of Pathology, ICMR, New Delhi from 2-4<sup>th</sup> April,

# REGISTRATION FORM

Name:-----

Professional/Student:-----

Institution:-----

Address:-----

Phone: -----Mobile-----

Email:-----

## Registration Fee Details:

Demand Draft No-----Draft Date-----

Drawn on Bank-----

This workshop will be useful to me because -----

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Date----- Signature of participant-----

**REGISTRATION FEE\***: INR 3000 (for professionals) and INR 2000 (for students)- to be submitted by **DD only** (not by cheque) in favor of “**Director, National Institute of Pathology, New Delhi**” along with completed registration form and brief CV by **4<sup>th</sup> March, 2014** at address given below

\* A letter from Head of Institution/guide should be sent along with registration form

### CONTACT

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