



# Workshop on Molecular Imaging in Stem Cell Biology

Date: 6<sup>th</sup>-8<sup>th</sup> March, 2018

## **Confirmed speakers:**

**Prof. Gaiti Hasan - NCBS, Bengaluru.**

**Dr. Shravanti Ramapalli Deshpande - InStem, Bengaluru.**

**Dr. Deepak Saini - IISc, Bengaluru.**

**Dr. Govindaraju - JNCASR, Bengaluru.**

**Dr. Pritha Ray - ACTREC, Mumbai.**

**Dr. Rajarshi Pal - Eye stem Research, CCAMP, Bengaluru.**

**Dr. Jyothi Prasanna - School of Regenerative Medicine, MAHE, Bengaluru.**

**Prof. Preeti Joshi - Former-HOD, NIMHANS, Bengaluru.**

## **Demonstration and Hands-on training on:**

Time course Small animal *in vivo* imaging for NIR dye labeled cells through two delivery routes

Small animal organ imaging for bio-distribution of transplanted cells at different time points

*In vitro* imaging – for pluripotent & multipotent stem cell characterization

Live cell fluorescence imaging

Cell death & survival assay through *in vitro* imaging

Cell senescence and CFU-F assay

Adipocyte & osteocyte differentiated cells from mesenchymal stromal cells.

**Deadline for application: 10<sup>th</sup> February 2018**

**Limited to 25 number of attendees**

**Registration fee: Academic participants- Rs. 4000/-**

Industry/Corporate participants- Rs. 5000/-

Food will be provided to all the participants for the scheduled days. Accommodation can be arranged upon request with extra accommodation fee.

**Eligible participants: Ph.D, M.Sc & M.Tech, MBBS, BDS students, faculties from Government/ State/Central Universities & private Colleges/Institutes/Universities.**

**How to apply: Applications should be sent to the organizer in the prescribed format (from NIMHANS website).**

**Method of selection: Selection will be considered based on the applicant's research/professional background.**

Selected candidates should send registration fee of Rs. 4000/- (Four thousand only) in the form of Demand Draft in favor of The Director, NIMHANS payable at Bengaluru and mailed to the undersigned.

**Organizer: Dr. Indrani Datta, NIMHANS**

**Co-ordinators: Dr. Yogananda S Markendeya & Dr. Bhupesh Mehta, NIMHANS**

**Patrons- Prof.B.Gangadhar, Director, NIMHANS,**

**Prof . B. Padmanabhan, HOD Biophysics, NIMHANS.**

**Interested candidates can apply to the undersigned on or before 20<sup>th</sup> February 2018**

**Dr. Indrani Datta**

**Department of Biophysics, National Institute of Mental Health & Neurosciences (NIMHANS), Hosur Road, Bengaluru-560029, Karnataka.**

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