

NCCS

National Centre for Cell Sciences



BD-NCCS Centre of Excellence in Stem Cell Research

Workshop Announcement

Dear Researcher,

Continuous efforts are on the move to determine the intrinsic and extrinsic cellular signals that govern self-renewal and differentiation of stem cells. A bouquet of markers which are exclusive to specific cell types help us in knowing the direction of commitment. Study of the stem cells using these specific markers has proven its usefulness for researchers in fundamental biology as well as in regenerative medicine and cell therapy clinical applications. The use of modern tools and techniques like flow cytometer and advanced high content bio-imaging platforms are helping greatly towards the progress in unraveling cellular and molecular mechanisms underlying the stem cell differentiation and development. They can be expected to play a significant role in informing us the facts and enabling new strategies for research investigations and clinical interventions.

BD-NCCS Centre of Excellence for Stem Cell Research is organizing a 5-day “Hands-on training workshop” on

Hematopoietic and Mesenchymal Stem Cells analysis & sorting

WHEN ?

9th – 13th April, 2012

WHERE ?

NCCS, Pune



Who Can apply ?

- Post Graduates / PhDs in Life Science Research / MBBS / MD
- Post Doctoral Researchers working on Stem Cell Biology

(Applicants with basic understanding & experience in flow cytometry, tissue culture & cell biology will be preferred)

Here are further details ...

Wet Lab Details

1. Isolation and characterization of mouse hematopoietic stem cells using cell surface markers.
2. Side Population analysis and sorting by Fluorescence Activated Cell Sorting (FACS)
3. Bone marrow derived mesenchymal stem cells, characterization and differentiation to osteoblasts.
4. A demo-based training on High-Content Imaging Platform.

Application & Selection Process

- Participants will be selected based on their CV and write-up on how they think this workshop will help them in their current research work.
- Please email the duly filled registration form by **March 5, 2012** to
 - Mr Hasmukh Rawal (**hasmukh_rawal@bd.com**) with a copy to
 - Dr Paresh Jain (**paresh_jain@bd.com**)
- Selected participants will be contacted over email during first week of March and will be asked to submit the course fees by **March 15, 2012** to confirm their registration. .

Course Fees

- Academic participants: **Rs. 15,000/-**
- Industry / Corporate participants: **Rs. 25,000/-**

(Inclusive of tuition fees, study material and accommodation on twin-sharing basis)

Patron: Dr. Shekhar C. Mande,
Director, NCCS, Pune

Keynote speaker: Dr. Jyotsna Dhawan,
Dean, inSTEM, Bangalore

Organizing committee:

Roshan Das
Hemangini M. Shikhare
Amit S. Salunkhe
Vikas S. Mallav

Anil Pavitharan
Swapnil Walke
Prakash Dhirwani
Hasmukh Rawal

Faculty: Dr. L.S. Limaye (NCCS)
Dr. V. P. Kale (NCCS)
Dr. Mohan Wani (NCCS)
Dr. Paresh Jain (BD Biosciences)
Mr. Ubaldo Barbosa (BD Biosciences)

Workshop Coordinators:

Dr. L.S. Limaye, NCCS
Dr. Paresh Jain, BD India

For any further information, please contact:

Mr. Hasmukh Rawal: +91 9960891416
hasmukh_rawal@bd.com

Last Date of Submitting the Registration Form: **5th March, 2012**