



Workshop on *In vitro* Characterization of Hematopoietic Stem Cells by Colony Forming Unit Assay

Stem Cell Facility, All India Institute of Medical Sciences (AIIMS), New Delhi

March 11th-13th, 2013

Venue: Conference Hall, AIIMS

OPEN FOR ALL
Interactive Session
11th March 2013

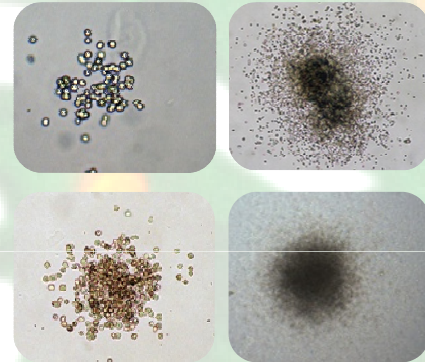
Advisory Committee

Prof. N.K. Ganguly
(Advisor, THSTI, Former DG, ICMR)
Prof. Balram Airan
(Chief C.T. Centre, AIIMS)
Prof. Balram Bhargava
(Cardiology, AIIMS)
Prof. Lalit Kumar
(IRCH, AIIMS)

Introduction

Stem Cell Facility, AIIMS is dedicated to the promotion of the stem cell research and its application among young researchers and clinicians. Therefore, in this regard the Facility is organizing a three day workshop on "*In vitro* Characterization of Hematopoietic Stem Cells by Colony Forming Unit Assay". Role of hematopoietic stem cells in malignant diseases like Cancer is time tested. It's role in other degenerative diseases is being explored giving rise to a new field called Regenerative Medicine. Colony forming unit (CFU) assay is gold standard to characterize and enumerate viable and functional hematopoietic stem cells from various sources like bone marrow, cord blood and fetal liver.

This workshop is being organized to give hands on training to the researchers and clinicians working in the area of Stem Cell & Regenerative Medicine.



Organizing Committee

Dr Sujata Mohanty
Dr. Punit Prabha
Mr. Anil Kumar

Workshop Agenda

- Comprehensive overview of hematopoiesis
- Understanding of assay theory and experimental design
- Confidence in assay set-up and enumeration
- Identify hematopoietic colonies derived from cord blood and bone marrow samples
- Effect of freezing and sample processing on the CFU assay

Co-ordinators

Ms. Himi Singh
Ms. Pooja Teotia
Ms. Anupama Kakkar
Ms. Manisha Singh
Mr. Manoj Sharma
Ms. Srinita Das
Mr. Mahip K. Singh
Ms. Vandana Sharma

Speakers

- Prof N. K. Ganguly (Advisor, THSTI, Former DG, ICMR)
- Prof. Lalit Kumar (IRCH, AIIMS, New Delhi)
- Dr. Asok Mukhopadhyay (NII, New Delhi)
- Dr. Alka Sharma (DBT, New Delhi)
- Dr. Sanjeev Kumar Bhoi (MS, JPN Trauma Centre, New Delhi)
- Dr. Chantal Proulx (Associate Director, Stem Cell Technologies, Inc. Canada)
- Dr. Mrinalini Chaturvedi (Medical Director, Cryobanks International India, Gurgaon)
- Dr. Tulika Seth (Department of Hematology, AIIMS, New Delhi)
- Dr. Sujata Mohanty (Stem Cell Facility, AIIMS, New Delhi)

Contact person

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Application Procedure

Candidates having a Master's/Ph.D. Degree in any branch of Life Sciences; MBBS /MD or B.E / B.Tech. in Biotechnology or allied sciences are eligible. Young post-doctoral researchers planning to initiate projects on Stem Cell Biology or clinicians interested in initiating clinical trials and basic research in Stem Cells are encouraged to apply. Applicants having basic understanding / knowledge / experience in tissue culture and Cell Biology will be preferred.

Please send a CV along with a covering letter stating in brief (100 words) how you think this course will help you, recommendation letter from Ph.D. Supervisor/HOD/Laboratory Director, along with the fee in the form of DD to Stem Cell Facility, 1st Floor ORBO Complex, All India Institute of Medical Sciences, Ansari Nagar, New Delhi - 110029. The DD should be in favor of **Colony Forming Unit Assay Workshop, AIIMS** payable at New Delhi. Completed application should reach the Stem Cell Facility at AIIMS on or before **February 28th 2013**.

Supported By:

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Course fee

Academic participants- Rs 8000/-

Industry / Corporate participants- Rs 15000/-

The course fee includes Course booklet and electronic course materials, protocol handouts and a chance to interact with these Stem Cell experts over dinner

Last date of application February 28th, 2013