



DHR-MRU, King George's Medical University

CELL CULTURE SKILL COURSE

Modules



Prof. MLB Bhatt
Vice-Chancellor,
KGMU



Prof. R. K. Garg
Faculty-in-Charge,
KGMU



Prof. Divya Mehrotra
Nodal Officer
DHR-MRU, KGMU

Organized by:

Department of Health Research-
Multidisciplinary Research Unit (DHR-MRU)

3rd – 5th Dec, 2018

REGISTER NOW !

Registration Fees: Rs. 1500/- per participant
(Limited number of seats)

For details contact

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Day	Program
Day 1	Inauguration Introduction to Cell culture By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: Principles and applications of cell culture Aseptic Techniques Lunch Break Hands-on application (Wet Lab) Trouble shooting and Group Discussion
Day 2	Talk: Dr. A. K. Saxena, Retired Chief Scientist, CSIR-IIIM Jammu By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: Maintenance and subculturing of cell lines Cell counting and viability determination Maintenance and subculturing of cell lines Lunch Break Hands-on application (Wet Lab) Trouble shooting and Group Discussion
Day 3	Talk: Dr. D. S. Katti, Biosciences and Biomedical Engineering, IIT Kanpur Talk: Dr. Samjeev Mahto, School of Biomedical Engineering, IIT BHU By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: Microscopy and FACS analysis Lunch Break Hands-on application (Wet Lab) Trouble shooting and Group Discussion



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Day	Program
Day 1	10:00am- 10:15am - Inauguration 10:15am- 10:45am - Introduction to Cell culture: By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: 10:45am- 11:15am - Principles and applications of cell culture 11:15am- 12:30pm - Aseptic Techniques 12:30pm-1:00pm – Group Discussion 1:00pm- 2:00pm - Lunch Break 2:00pm-3:30pm - Hands-on application (Wet Lab) 3:30pm- 4:00pm - Trouble shooting and Group Discussion
Day 2	10:00am- 10:30am - Talk: Dr. A. K. Saxena, Retired Chief Scientist, CSIR-IIIM Jammu By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: 10:15am- 10:45am - Maintenance and subculturing of cell lines 10:45am- 11:15am - Cell counting and viability determination 11:15am- 12:30pm - Maintenance and subculturing of cell lines 12:30pm-1:00pm – Group Discussion 1:00pm- 2:00pm - Lunch Break 2:00pm-3:30pm - Hands-on application (Wet Lab) 3:30pm- 4:00pm - Trouble shooting and Group Discussion
Day 3	10:00am- 10:30am -Talk: Dr. D. S. Katti, Biosciences and Biomedical Engineering, IIT Kanpur 10:30am- 11:00am -Talk: Dr. Samjeev Mahto, School of Biomedical Engineering, IIT BHU By Faculty members – Dr. Ramesh Sharma and Dr. Satyam Kumar Agrawal: 11:00am- 1:00am - Microscopy and Flow cytometry 1:00pm- 2:00pm - Lunch Break 2:00pm-3:30pm - Hands-on application (Wet Lab) 3:30pm- 4:00pm - Trouble shooting and Group Discussion