Website: www.nabi.res.in

जैव प्रौद्योगिकी विभाग

DEPARTMENT OF

BIOTECHNOLOGY



National Agri-Food Biotechnology Institute Biotechnology for Nutritional Security An Autonomous Institute of the Department of Biotechnology

Short-term course on Basic Techniques in Animal Cell Culture

5 Days Hands on Training: Animal Cell Culture and Basic Applications 06 to 10/02/2023 (Last Date for Registration: 20/01/2023)



- Determination of cell growth, cell count and viability
- Cyto toxicity assays (MTT Assay)
- ✤ Anti-inflammatory response







✤ Media Preparation

 $\dot{\cdot}$

 \div

Maintenance of cultures

Cryopreservation and revival of



National Agri-Food Biotechnology Institute Biotechnology for Nutritional Security An Autonomous Institute of the Department of Biotechnology जैव प्रौद्योगिकी विभाग DEPARTMENT OF BIOTECHNOLOGY

NABI conducts a 5-days hands-on- training workshop on 'Basic Techniques in Animal Cell Culture' for students and researchers working in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & Allied areas. This is a basic workshop intended for beginners to increase their understanding regarding Animal Cell Culture and its application followed by hands on training. This training includes lectures on basic of Animal Cell Culture techniques followed by demonstrations and Animal Cell Culture, media preparation and cytotoxicity assays. Training also include lectures by eminent scientists in this field. Certificates will be provided to all participants after completion of training.

Scheduled of workshop will be as follows

Duration of the Course	: 5 days (06 to 10/02/23)
Venue of the Course	: National Agri-Food Biotechnology Institute (NABI) Sector-81 S.A.S. Nagar, Mohali- 140306, Punjab, India.
Course fee	: INR 15000/
Educational Qualifications Certificate	:UG/PG/PhD students, faculties, and scientists from academics and industry working in the field of Biotechnology, Bioinformatics, Life Sciences Medical Sciences, Pharmaceutical Sciences and Chemical Sciences : NABI will provide certificate upon successful completion of the course
Accommodation	: Residential accommodation available for outstation participants, on charge basis if available.

Demos /Lectures/ Hands on training / Doubt clearing sessions



National Agri-Food Biotechnology Institute Biotechnology for Nutritional Security

An Autonomous Institute of the Department of Biotechnology



जैव प्रौद्योगिकी विभाग

DEPARTMENT OF

BIOTECHNOLOGY



National Agri-Food Biotechnology Institute Biotechnology for Nutritional Security An Autonomous Institute of the Department of Biotechnology जैव प्रौद्योगिकी विभाग

Website: www.nabi.res.in

DEPARTMENT OF BIOTECHNOLOGY

Organisers

Components of Training

Expert Lecture:

- Basics of Animal Cell Culture.
- Do's & Don'ts in Tissue culture lab.
- Applications of Cells/Tissue culture.

Demonstrations:

- Cryopreservation and revival of Animal Cell Lines.
- Sub culturing of cells.
- Maintenance of cultures.
- Determination of cell growth and viability.
- Cyto toxicity assays (MTT Assay).
- Anti-inflammatory response.

Hands-on:

- Basic Microscopy and pipette handling.
- Sub culturing of cells.
- Cryopreservation and revival of cell line.
- Cell count and viability (trypan blue).
- Determination of confluency.
- Cyto toxicity assays (MTT Assay).
- Anti-inflammatory response.

Dr Vikas Rishi (Scientist F) Dr M Bishnoi (Scientist E) Dr Nitin Singhal (Scientist E) Dr K Kiran (Scientist E) Mr Kamalendra Yadav (Technical Officer)

Contact

For enquiries, please email or call

Email: kamalendra@nabi.res.in Tel No: 8968640213

Mode of Payment: Advance payment through Online mode. **Last Date for Registration:** 15/01/2023

Location Map

