Centre for Advanced Research in Sciences (CARS), University of Dhaka

Offers

Training course on
Animal Cell Culture Techniques For Advanced Research

INTRODUCTION

Animal cell culture is an indispensable tool in cancer biology, virology, biotechnology, drug development, antibody production, recombinant protein production, gene therapy, and vaccine production etc. Cell culture techniques, now, are used not only in laboratory researches but also in R&D of many reputed pharmaceutical companies in Bangladesh. The aim of this course is to develop skilled manpower, having in-depth understanding of cell culture techniques, making them potent for scholarships and job recruitment.

COURSE CONTENT

- Fundamentals of cell culture techniques and applications,
- Bio-safety & Bio-security,
- Cell culture conditions,
- Cell morphology,
- Maintaining cell lines,
- Cell passage, counting, seeding, inoculation, staining, and cell preservation techniques.
- Cell-based assays (e.g., cytotoxicity),
- Application of cell culture techniques in viral study.
- Overview of cell culture techniques in biotechnology.

FEATURES

- Theoretical, video sessions and hands-on-practice.
- Regular test, exams and report presentation to enhance participants' confidence.
- Certificate will be awarded upon completion of the course.

BENEFITS

- Ensure extra qualification in your CV.
- Particularly, helpful to those who are interested for higher studies in related sciences or job in R&D.
- Enhance individuals credibility to conduct their own study independently.

WHO SHOULD ATTEND

Students from upper-level undergraduate, academic and biotechnology company researchers, scientists, technologists, clinicians and others.

ATTENDEES NUMBER: 7

SCHEDULE: Five consecutive days and 2-3 hours daily.

FEES: 12,000 BDT for jobholders; 8,000 BDT for students of Private Universities;
6,000 BDT for students of Public Universities.

REGISTRATION: Please fill-up the application form and send it to carsdu605@gmail.com

http://cellculturedu.weebly.com/