



## **Cell Culture and Cryopreservation Workshop**

The objective of this workshop is to provide practical hands-on training basic cell culture techniques and to teach and train beginners in cell culture. The basic of cell culture including an introduction to cell culture, historical background, equipment, aseptic technique, and identification of contamination will be taught theoretically.

In the practical part you will learn:

- Sterile media preparation
- Subculture and passaging of adherent cell lines
- Cryopreservation and thawing and resuspension of cell stocks
- Cell separation and isolation using density centrifugation techniques
- Analysis of morphology and cell number
- Cell viability assay using trypan blue

This workshop is suitable for graduates and students of all academic levels in biology, paramedical, and medical fields. Participants should have basic laboratory skills and be confident in a laboratory environment.