

❖ Course Title	Cell Culture and Cryopreservation
❖ About this course	The objective of this program is to provide practical hands-on training on basic cell culture techniques and intended for beginners to teach them and train them in cell culture
❖ Audience: Level (BSc. MSc., PhD, etc.)	This workshop is suitable for undergraduate, postgraduate and PhD in biology, biotechnology, laboratory sciences as well as students and graduates of medical sciences.
❖ Department ❖ Instructor	Reproduction and stem cell department, Royan institute Dr. Azam Dalman, Hasan Ansari
❖ Modules/Resources	<ol style="list-style-type: none"> 1. lecture about introduction and historical background, equipment, Aseptic technique and identification of contamination) 2. sterile media preparation subculture, Passaging of adherent cell lines 3. cryopreservation and thawing and resuspension of cell stocks 4. Cell separation and isolation using density centrifugation techniques. 5. Analysis of morphology and cell number 6. Cell viability assay using trypan blue <p>Freshney Cell Culture 2016</p>
❖ Course Requirements	Students should have basic laboratory skills and be confident in a laboratory environment before attending this course
❖ Registration Costs	150 €
❖ Duration:	2 days