

	21.07.2014	22.07.2014	23.07.2014	24.07.2014	25.07.2014
	Monday	Tuesday	Wednesday	Thursday	Friday
9h30-10h30	Cell culture - Introduction and basic concepts (T1) Filomena Botelho (10h00-11h00)	Biosafety levels (T3) Fernando Mendes	Working with embryonic stem cells: it all begins with culture conditions (T6) Sofia Rodrigues	Mimicking microenvironment: M&M world by co-culture systems (T9) Carlos Rodrigues	Flow cytometry and cell sorting. Biomedical applications (T12) Paulo Santos
Coffee Break					
11h00-12h00	Cell culture – Adherent versus suspension cell lines (T2) Isabel Carreira (11h30-12h30)	Cell Culture - A model approach to understand hippocampal and retinal physiology and disease (T4) Filipa Baptista	EBV imortalization (T7) Isabel Carreira	3D cultures in bioreactors: advanced models for in vitro research (T10) Sofia Rebelo	Statistics for Cell culture (T13) João Casalta
12h00-13h00		Cell Cultures Troubleshooting (T5) Salomé Pires	Primary cultures: in prenatal and postnatal diagnosis (T8) Joana Barbosa de Melo	A model approach to study cancer – Diagnosis, prognostic and therapeutics (T11) Ana Bela Sarmento	
14h00-15h30	PC1 Cell culture media preparation (Lab.4)	PC3 Cell lines manipulation procedures (Lab. 2)	PC5 Primary cell cultures establishment and manipulation (Lab.1)	PC7 Cell viability/ Citotoxicity assays (Lab. 3)	PC9 How to build a database for statistical analysis after experiments with cell lines
16h00-18h00	PC2 Cell thawing and cryopreservation (Lab. 1)	PC4 Contamination test (Lab. 5)	PC6 Co-culture assays (Lab.1)	PC8 Cell proliferation qssays (Lab. 3)	

Theoretical course

Practical course