	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/ Citoxicity 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

Pratical course