

<b>III Cell Culture and Tissue Training Course</b> Auditório do IBILI, FMUC, Pólo III da Universidade de Coimbra 6-10 Julho de 2015					
	06.07.2015	07.07.2015	08.07.2015	09.07.2015	10.07.2015
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b> (Pólo I, FMUC, 3º Piso, Serviço de Imunologia)	<b>Thursday</b>	<b>Friday</b>
9h30-10h30	<b>Cell culture - Introduction and basic concepts (T1)</b> Filomena Botelho	<b>Choosing the right Microscope (T4)</b> Joana Barbosa de Melo	<b>Introduction to Flow Cytometry and Cell Sorting (T7)</b> Paulo Santos	<b>EBV immortalization (T10)</b> Isabel Carreira	<b>Mimicking microenvironment: M&amp;M world by co-culture systems (T13)</b> Carmen Alpoim
<b>Coffee Break</b>					
11h00-11h45	<b>Primary Cell Cultures (T2)</b> Joana Barbosa de Melo	<b>Organotypic Cultures (T5)</b> Henrique Girão	<b>Cell Cycle analysis and Apoptosis Cell Viability and Absolute Counting Experiment design: from one colour to multicolour (T8)</b> Alexandre Salvador	<b>A model approach to study cancer – Diagnosis, prognostic and therapeutics (T11)</b> Ana Bela Sarmento	<b>Statistics for Cell culture (T14)</b> João Casalta
12h00-12h45	<b>Biosafety levels (T3)</b> Fernando Mendes	<b>Cell Cultures Troubleshooting (T6)</b> Salomé Pires	<b>Research applications of multicolour (T9)</b> Paulo Santos	<b>Cell Line Characterization: The impact and Challenge on research (T12)</b> Isabel Carreira	<b>Cell line Results – Graphic Representation (T15)</b> Clara Rocha
<b>Lunch</b>					
14h00-15h30	<b>PC1</b> Cell thawing and cryopreservation/ Cell lines manipulation procedures (Lab 1)	<b>PC3</b> Contamination test (Lab 2)	<b>PC5</b> (Lab 4)  <b>Lab session</b> (14h00-17h30) BDFACSCanto II (Flow Cytometer) BDFACSAria III (Cell Sorter) BDFACSCanto II (Flow Cytometer)	<b>PC6</b> Primary cell cultures establishment and manipulation (Lab 5)	<b>PC7</b> How to build a database for statistical analysis after experiments with cell lines
16h00-18h00	<b>PC2</b> Viability/proliferation Tests (Lab 1)	<b>PC4</b> Microscopy (Lab 3)	<b>Q&amp;A</b> (17h30-18h00) FAQs, Troubleshooting, etc. <b>Closing remarks</b>	<b>Hands-on</b>	

Theoretical course   
  Practical course