

V Cell Culture and Tissue Training Course

Theoretical Scientific Programme

	17.07.2017	18.07.2017	19.07.2017	20.07.2017	21.07.2017
	Monday	Tuesday	Wednesday "Flow Day"	Thursday "Workshop LigandTracer®"	Friday
9h30-10h15	Cell culture - Introduction and basic concepts (T1) Filomena Botelho	Primary cell cultures in prenatal and postnatal diagnosis (T4) Joana Barbosa de Melo	Introduction to flow cytometry (T7) Alexandre Salvador General applications (T8) Jani Almeida	Studying interactions in real-time (T11)	Cell line Results – Graphic Representation (T13) Clara Rocha
10h15-10h45	Coffee Break				
10h45-11h30	Cell line characterization: the impact and challenge on research (T2) Isabel Carreira	Culture tissue in matrices (T5) Paulo Matafome	Apoptosis, proliferation and cell cycle studies by flow cytometry (T9) Alexandre Salvador	Ligand Tracer and different applications (T12)	Statistics for cell culture (T14) João Casalta
11h45-12h30	Biosafety levels (T3) Fernando Mendes	Cell Cultures Troubleshooting (T6) Salomé Pires	Functional studies (T10) Jani Almeida		How to build a database for statistical analysis after experiments with cell lines (TP1) João Casalta
12h30-14h00	Lunch				
14h00-16h00	Practical classes Hands-on	Practical classes Hands-on	Visit to Flow Cytometry Lab	Detection of protein-cell interactions in real-time using LigandTracer (Practical Classes)	
			Data acquisition and analysis		
16h00-18h00	Practical classes Hands-on	Practical classes Hands-on	Samples analysis by flow cytometry – study of apoptosis	Detection of protein-cell interactions in real-time using LigandTracer (Practical Classes)	
			Tricks and Tips for a good flow		

"Flow day"

Workshop on "Ligand tracer"



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