

Curso de Cultura de Células 2018

Theoretical Scientific Programme

	09.07.2018	10.07.2018	11.07.2018	12.07.2018	13.07.2018
	Monday	Tuesday	Wednesday	Thursday	Friday
9h30-10h15	VI Cell Culture and Tissue Training Course - A fast track view Ana Margarida Abrantes Cell culture - Introduction and basic concepts Filomena Botelho	Primary cell cultures in prenatal and postnatal diagnosis Joana Barbosa de Melo	Mammalian cell migration: concepts and strategies to quantify migratory phenotypes Ana Fernandes	Metabolic modulation of pluripotency in cell culture Sofia Rodrigues	Cell Studies by flow cytometry Basic Concepts Alexandre Salvador
10h15-10h45	Coffee Break				
10h45-11h30	Biosafety levels Fernando Mendes	Cell line characterization: the impact and challenge on research Isabel Carreira	Molecular mechanisms of cell migration: a technical approach Nuno Saraiva	Cell cultures for Regenerative Medicine Research Miguel Marto	Flow Cytometry: Differentiation, Cell cycle, Proliferation and apoptosis Signalling and Function Studies Alexandre Salvador
11h45-12h30	Cell Cultures Troubleshooting Salomé Pires	Using human samples in cell culture lab Mafalda Laranjo	Tissue culture in matrices Paulo Matafome /Tiago Rodrigues	<i>To be defined</i> Pedro Oliveira	Cell cultures and flow cytometry: a way to evaluate immune cell function Artur Paiva
12h30-14h00	Lunch				
14h00 -15h30	Learning Cell Culture Technique (Practical Class) Practice Cell Culture Technique (Practical Class)	Cell Cytotoxicity Assays (Practical Class) Contamination Tests (Practical Class)	Migration Assays (Practical Class) Invasion Assays (Practical Class) Angiogenesis Assay (Practical Class)	3D Cell culture Glauco Souza	Statistics for biological studies
15h30 -17h00				3D Practice Culture (Practical Class)	
17h00 - 18h30				Isolation of cancer stem cells (Practical Class)	

Workshop on "Invasion and migration "

