

Preliminar

	Monday, 18	Tuesday, 19	Wednesday, 20	Thursday, 21	Friday, 22
09:00				LAB Session III	Lab Session VI
09:30		Target and Drug Discovery	Microplate readers	Group 1 (IDEAS); Group 2 (ImgStream, Exp#2); Group 3 (EnSight, Exp#3); Group 4 (IN Cell, Exp#1)	Introduction to ImageJ all groups together
10:00		António Pombinho, I3S	Mara Colzani, Perkin-Elmer		
10:15					Paulo Aguilar, I3S
10:30		Light microscopy overview Paula Sampaio, I3S	Lab automation and liquid handling. David Ley, PAA	Coffee-break	Coffee-break
11:00		Coffee-break	Coffee-break	HTS/HCS Imaging Tools Enzo	Introduction to ImageJ
11:30		Light and Image Formation	LAB Session III	High Content Image Analysis Romain Guet, EPFL	Data Analysis
12:00		António Pereira, I3S	Group 1 (IN Cell, Exp#1); Group 2 (EnSight, Exp#3); Group 3 (ImgStream, Exp#2); Group 4 (IDEAS)	Software installation	
12:15		High Content Imaging Svstems			
12:30		GE Healthcare		Lunch	Software installation
13:00	Registration and Reception	Lunch	Lunch		Lunch
13:30				LAB Session IV CellProfiler	
14:00	High Content Imaging and Screening André Maia, I3S	High Throughput Flow imagers Merck	LAB Session III	all groups together	LAB Session VII
14:30		Cell Counting and High Throughput Image Analysis systems	Group 1 (EnSight, Exp#3); Group 2 (IN Cell, Exp#1); Group 3 (IDEAS); Group 4 (ImaStream.	Romain Guet, EPFL	HTM Explorer all groups together
14:45	Imaging in Flow				
15:00		Nexcelom			
15:15	Maria Lazaro, I3S				
15:30	Coffee-break	Coffee-break	Coffee-break	Coffee-break	Hugo Botelho, BioISI, UL
15:45		LAB Session II			
16:00	LAB Sessions Overview André Maia/Maria Lazaro		LAB Session III	LAB Session V CellProfiler for Image Stream CellProfiler analyst	Coffee-break & Group Photo
16:30	LAB session I Groups 1-2 (Experiment #1,#3)	Group 1 (Fix cells, Exp#2); Group 2 (Celigo, demo); Group 3 (Janus, Exp#1); Group 4 (Liquidator, Exp#3)	Group 1 (ImgStream, Exp#2); Group 2 (IDEAS); Group 3 (IN Cell, Exp#1); Group 4 (EnSight, Exp#3)	all groups together	Experimental work discussion and questions
16:45	LAB session I Groups 3-4 (Experiment #2)				
17:00	LAB session I Groups 1-2 (Experiment #2)				
17:15	LAB session I Groups 3-4 (Experiment #1,#3)				
17:30					Certificates
17:30					Exame (optional)
18:00					ECTS

Seminar
Technology
Practical

Experiments:

- #1: HTS with HCS microscopy
- #2: HTS with Imaging Cytometry
- #3: HTS with microplate reader