

Harvard Medical School - Portugal

Program In Translational Research And Information

Workshop: Quantitative Light Microscopy in Living Cells 14 – 18 April 2010, IMM, Lisboa

Program

Day 1 – Wed, Apr 14

09:30 – 09:45	José Rino	Welcome	<i>room 57, floor -1</i>
09:45 – 10:45	Gabriel Martins	Light Microscopy and Fluorescence	<i>room 57</i>
10:45 – 11:00	Coffee Break at IMM Cafeteria		
11:00 – 12:00	José Rino	Optical Sectioning and Probes for live imaging	<i>room 57</i>
12:00 – 12:30	Faculty	Intro to Lab #1	
12:30 – 13:30	Lunch at IMM Cafeteria		
13:30 – 17:30	Faculty	Lab #1 (<i>check lab notes for room locations</i>)	
17:30 – 18:30	Faculty	Data Analysis	<i>P3-C-32</i>

Day 2 – Thu, Apr 15

09:30 – 10:30	Ghislain Cabal	Labeling single DNA loci, mRNAs and proteins	<i>room 57</i>
10:30 – 10:45	Coffee Break at IMM Cafeteria		
10:45 – 11:45	Gabriel Martins	3D imaging, tracking and visualization	<i>room 57</i>
11:45 – 12:30	Faculty	Group discussion to review Lab #1	<i>room 57</i>
12:30 – 13:30	Lunch at IMM Cafeteria		
13:30 – 17:30	Faculty	Lab #1 (<i>check lab notes for room locations</i>)	
17:30 – 18:30	Faculty	Data Analysis	<i>P3-C-32</i>

Day 3 – Fri, Apr 16

09:30 – 10:30	Tom Kirchhausen	2D/3D/4D Imaging	<i>room 57</i>
10:30 – 10:45	Coffee Break at IMM Cafeteria		
10:45 – 11:45	Nuno Moreno	Digital Imaging and Processing	<i>room 57</i>
11:45 – 12:30	Faculty	Group discussion to review Lab #1	<i>room 57</i>
12:30 – 13:30	Lunch at IMM Cafeteria		
13:30 – 14:00	Faculty	Intro to Labs #2 #3 #4 (<i>check lab notes for room locations</i>)	
14:00 – 17:30	Faculty	Labs #2 #3 #4 (<i>check lab notes for room locations</i>)	
17:30 – 18:30	Faculty	Data Analysis	<i>P3-C-32</i>

Day 4 – Sat, Apr 17

09:30 – 10:30	Maria Carmo-Fonseca	FRAP and Photoactivation	room 57
10:30 – 10:45	Coffee Break at IMM Cafeteria		
10:45 – 11:45	Tom Kirchhausen	TIRF and single molecule	room 57
11:45 – 12:30	Faculty	Group discussion to review Labs #2 #3 #4	room 57
12:30 – 13:30	Lunch at IMM Cafeteria		
13:30 – 14:00	Faculty	Intro to Labs #2 #3 #4 (check lab notes for room locations)	
14:00 – 17:30	Faculty	Labs #2 #3 #4 (check lab notes for room locations)	
17:30 – 18:30	Faculty	Data Analysis	P3-C-32
20:00	Workshop Dinner at 'restaurante.bar.Xicos rio' in Doça Jardim do Tabaco		

Day 5 – Sun, Apr 18

10:00 – 10:45	José Rino	FRET and Colocalization	room 57
10:45 – 11:30	Faculty	Group discussion to review Labs #2 #3 #4	room 57
11:30 – 12:00	Faculty	Intro to Labs #2 #3 #4 (check lab notes for room locations)	
12:00 – 13:00	Lunch at IMM Cafeteria		
13:00 – 16:30	Faculty	Labs #2 #3 #4 (check lab notes for room locations)	
16:30 – 17:30	Faculty	Data Analysis	P3-C-32
17:30 – 18:30	Faculty	Final Review and Round Table	P3-C-32

	14 Wednesday	15 Thursday	16 Friday	17 Saturday	18 Sunday
09 ⁰⁰					
10 ⁰⁰	Welcome Light Microscopy and Fluorescence [GM]	Labeling single DNA loci, mRNAs and proteins [GC]	2D/3D/4D Imaging [TK]	FRAP and Photoactivation [MCF]	FRET and Colocalization [JR]
11 ⁰⁰	Coffee Break Optical Sectioning and Probes for live imaging [JR]	Coffee Break 3D imaging, tracking and visualization [GM]	Coffee Break Digital Imaging and Processing [NM]	Coffee Break TIRF and single molecule [TK]	Group Discussion to review Labs #2 #3 #4
12 ⁰⁰	Intro LAB #1 LUNCH	Group Discussion to review Lab #1 LUNCH	Group Discussion to review Lab #1 LUNCH	Group Discussion to review Labs #2 #3 #4 LUNCH	Intro to LAB #2 / #3 / #4 LUNCH
13 ⁰⁰					
14 ⁰⁰	LAB #1A for Group 1 LAB #1B for Group 2 LAB #1C for Group 3 LAB #1D for Group 4	LAB #1A for Group 3 LAB #1B for Group 4 LAB #1C for Group 1 LAB #1D for Group 2	Intro to LAB #2 / #3 / #4 LAB #2 for Group A LAB #3 for Group B LAB #4 for Group C	Intro to LAB #2 / #3 / #4 LAB #2 for Group B LAB #3 for Group C LAB #4 for Group A	LAB #2 for Group C LAB #3 for Group A LAB #4 for Group B
15 ⁰⁰					
16 ⁰⁰	LAB #1A for Group 2 LAB #1B for Group 3 LAB #1C for Group 4 LAB #1D for Group 1	LAB #1A for Group 4 LAB #1B for Group 1 LAB #1C for Group 2 LAB #1D for Group 3			
17 ⁰⁰	Data Analysis	Data Analysis	Data Analysis	Data Analysis	Data Analysis
18 ⁰⁰					Final Review and Round Table
19 ⁰⁰					
20 ⁰⁰				WORKSHOP DINNER	
21 ⁰⁰					
22 ⁰⁰					