

Workshop High-Resolution Light Microscopy

Cancer Cell Migration in Space and Time

Open Day Conference
Monday, 17 Oct
Venue: Museu do Oriente - Lisbon

8.30 – 9.00	Registration
9.00 – 9.15	Welcome
9.15 – 10.00	<i>Mechanisms of tumor cell dissemination during metastasis</i> Javier Bravo-Cordero MSSM, USA
10.00 – 10.45	<i>Invasive filopodia in cancer metastasis</i> Johanna Ivaska Turku Univ, FI
10.45 – 11.15	Coffee Break
11.15 – 12.00	<i>Regulating collective behaviour in endothelial cells</i> Claudio Franco IMM, PT
12.00 – 12.45	<i>Cooperation between cancer cells and fibroblasts during invasion</i> Danijela Vignjevic Institut Curie, FR
12.45 – 13.45	Lunch
13.45 – 14.30	<i>Spatio-temporal Rho GTPase signaling programs regulating fibroblast motility</i> Olivier Pertz Basel Univ, CHE
14.30 – 15.15	<i>Positioning the nucleus for cell migration</i> Edgar Gomes IMM, PT
15.15 – 16.00	<i>Flowing, squeezing and making choices is all it takes for a cell to move</i> Matthieu Piel Institut Curie, FR
16.00 – 16.30	Coffee Break
16.30 – 17.15	<i>Integrin-based force transduction at the molecular and cellular scales</i> Alexander Dunn Stanford Univ, USA
17.15 – 18.00	<i>Squish and squeeze – nuclear mechanics during cell migration</i> Jan Lammerding Cornell Univ, USA
18.00 – 19.00	Concluding Remarks



Workshop High-Resolution Light Microscopy

Cancer Cell Migration in Space and Time

Hands-On Practical Course | 18 - 22 Oct

Venue: Instituto de Medicina Molecular - Lisbon

DAY	Tuesday 18 Oct	Wednesday 19 Oct	Thursday 20 Oct	Friday 21 Oct	Saturday 22 Oct
9.00 – 9.15	Welcome & Introduction Room 52, floor 01	Fluorescent probes and live imaging (José Rino) Room 52, floor -1	Hands-on Session 4	Advances in imaging tools (Martin Jones) Room 52, floor -1	Imaging processing and data analysis Hands-on Session Part II Room 52, floor -1
9.15 – 10.30	From basic optics up to advanced microscopy (Jean Salamero) Room 52, floor -1				
10.30 – 10.45	Coffee Break	Coffee Break		Coffee Break	Coffee Break
10.45 – 12.00	Introduction to microscopes (José Rino) Room 52, floor -1	Hands-on Session 2	Hands-on Session 5	Image processing and analysis I (Anna Pezzarossa) Room 52, floor -1	End of the course
12.00 – 13.00	Lunch at iMM Bar (floor 3)				
13.00 – 16.00	Hands-on Session 1	FRAP, FRET and photo-activation (José Rino) Room 51 A, floor -1	Hands-on Session 5	Image processing and analysis II (Anna Pezzarossa) Room 52, floor -1	
16.00 – 16.30		Hands-on Session 3		Coffee Break	
16.30 – 17.30			Imaging processing and data analysis Hands-on Session Part I Room 52, floor -1		

Workshop Tutors

José Rino (iMM, PT)

Jean Salamero (Institut Curie, FR)

Martin Jones (CRICK, UK)

Anna Pezzarossa (iMM, PT)

