

**1<sup>st</sup> Cell Biology and Cancer Course  
April 11-18, 2018**

**A Training Unit International Course - Open conferences in blue**



<b>Wednesday, April 11<sup>th</sup></b>			
15:00 16:00	<b>Welcome and opening remarks: Salle Joliot</b>		<b>Amphithéâtre Marie Curie</b>
16:00 16:20	<b>Stéphanie Miserey-Lenkei</b> Institut Curie, Paris - FR	<b>Getting out the Golgi complex thanks to the RAB6 GTPase</b>	
16:20 16:40	<b>Danijela Vignjevic</b> Institut Curie, Paris - FR	<b>Cell migration in gut homeostasis and cancer invasion</b>	
16:40 17:00	<b>Guillaume Montagnac</b> Institut Gustave Roussy, Paris - FR	<b>Clathrin-coated pits pinch collagen fibers to support 3D cell migration</b>	
17:00 18:00	<b>Jacky Goetz</b> Inserm, Strasbourg - FR	<b>Blood flow forces tumor metastasis</b>	
18:00 21:00	<b>Students' presentations &amp; Dinner</b>		<b>Chez Marie</b>

**1<sup>st</sup> Cell Biology and Cancer Course**  
**April 11-18, 2018**

**A Training Unit International Course - Open conferences in blue**



<b>Thursday, April 12<sup>th</sup></b>		<b>CELL DIVISION</b>	
09:30 10:30	<b>Daniele Fachinetti</b> Institut Curie, Paris - FR	Revealing the consequences of human centromere dysfunction	<b>Amphithéâtre Marie Curie</b>
10:30 11:30	<b>Jonathon Pines</b> Institute of Cancer Research, London - UK	The Cell Cycle: switches and directionality	
11:30 12:00	<b>BREAK</b>		<b>Salle Joliot</b>
12:00 13:00	<b>Fabrizio D'adda di Fagagna</b> IFOM & IGM-CNR, Milan & Pavia - IT	The role of RNA in genome stability	<b>Amphithéâtre Marie Curie</b>
13:00 14:30	<b>LUNCH</b>		<b>Green Café</b>
14:30 15:30	<b>Fabrizio D'adda di Fagagna</b> IFOM & IGM-CNR, Milan & Pavia - IT	Cellular senescence	<b>Amphithéâtre Marie Curie</b>
15:30 16:30	<b>Jonathon Pines</b> Institute of Cancer Research, London - UK	The Spindle Assembly Checkpoint and the APC/C	
16:30 17:00	<b>BREAK</b>		<b>Salle Joliot</b>
17:00 21:00	<b>Students' presentations &amp; Dinner</b>		<b>Chez Marie</b>

**1<sup>st</sup> Cell Biology and Cancer Course**  
**April 11-18, 2018**

**A Training Unit International Course - Open conferences in blue**



<b>Friday, April 13<sup>th</sup></b>		<b>MIGRATION</b>	
09:30 10:30	<b>Pierre Sens</b> Institut Curie, Paris - FR	Membrane tension and cytoskeleton organization in (crawling) cell motility	<b>Amphithéâtre Marie Curie</b>
10:30 11:30	<b>Philippe Chavrier</b> Institut Curie, Paris - FR	Mechanisms of MT1-MMP-, invadopodia-based matrix degradation during confined tumor cells migration	
11:30 11:45	<b>Alveole company: presentation</b>		
11:45 12:00	<b>BREAK</b>		<b>Salle Joliot</b>
12:00 13:00	<b>Matthieu Piel</b> Institut Curie, Paris - FR	Mega def(ormation): Consequences and mechanisms of large cell and nuclear deformations during migration and growth of immune and cancer cells	<b>Amphithéâtre Marie Curie</b>
13:00 14:30	<b>LUNCH</b>		<b>Green Café</b>
14:30 15:30	<b>Benoit Ladoux</b> Institut Jacques Monod, Paris - FR	How the dynamics of epithelial cells drive coordinated cell migration and cell extrusion mechanisms	<b>Amphithéâtre Marie Curie</b>
15:30 16:30	<b>Giorgio Scita</b> IFOM & University of Milan, Milan - IT	Endocytic control of collective motility and tumor dissemination	
16:30 17:00	<b>BREAK &amp; FREE VISIT OF THE CURIE MUSEUM</b>		<b>Salle Joliot</b>
17:00 18:00	<b>Students' presentations &amp; Dinner</b>		<b>Chez Marie</b>

**1<sup>st</sup> Cell Biology and Cancer Course**  
**April 11-18, 2018**

**A Training Unit International Course - Open conferences in blue**



<b>Saturday April 14<sup>th</sup> - Career and Development Workshop</b>			
11:00 14:00	<b>Invited speakers</b>	<ul style="list-style-type: none"> <li>. Xavier Heiligenstein - CryoCapCell - Chief Scientific Officer - Paris, FR</li> <li>. Ariane Dimitrov - L'Oréal - Research Scientist on skin exposome - Paris, FR</li> <li>. Shauna Kaztz - Labex DEEP &amp; CelTisPhyBio - Project Manager - Paris, FR</li> </ul>	<b>Chez Marie</b>
20:00	<b>Party</b>		<b>Péniche du Quai de la  Tournelle  47, quai de la Tournelle -  75006, Paris</b>

**1<sup>st</sup> Cell Biology and Cancer Course**  
**April 11-18, 2018**

**A Training Unit International Course - Open conferences in blue**



<b>Monday, April 16<sup>th</sup></b>		<b>TRAFFICKING</b>	
09:30 10:30	<b>Anne Houdusse</b> Institut Curie, Paris - FR	Role of Molecular motors in cancer cells proliferation and survival	Amphithéâtre Marie Curie
10:30 11:30	<b>Pere Roca-Cusachs</b> IBEC, Barcelona - SP	Role and mechanisms of rigidity sensing	
11:30 12:00	<b>BREAK</b>		Salle Joliot
12:00 13:00	<b>KEYNOTE LECTURE: Pier Paolo Di Fiore</b> European Institute of Oncology and University of Milan, Milan - IT	Endocytosis: a surprising pervasive cellular program frequently subverted in cancer	Amphithéâtre Marie Curie
13:00 14:30	<b>LUNCH</b>		Green Café
14:30 15:30	<b>KEYNOTE LECTURE: Pier Paolo Di Fiore</b> European Institute of Oncology and University of Milan, Milan - IT	Numb at the crossroad between endocytosis, stem cell fate and p53 regulation	Amphithéâtre Marie Curie
15:30 16:30	Short talks: Erwan MacDonald, Alexandra Faustino & Capucine Héraud		
16:30 17:00	<b>BREAK</b>		Salle Joliot
17:00 18:00	<b>Pere Roca-Cusachs</b> IBEC, Barcelona - SP	Engaging the clutch: transmitting forces and signals from the ECM to the nucleus	Amphithéâtre Marie Curie
19:30	Dinner with speakers		

1<sup>st</sup> Cell Biology and Cancer Course  
April 11-18, 2018

A Training Unit International Course - Open conferences in blue



Tuesday, April 17 <sup>th</sup>		PHYSICS	
09:30 10:30	<b>Morgan Delarue</b> LAAS-CNRS, Toulouse - FR	Mechanical compressive stresses, macromolecular crowding, and cell physiology	Amphithéâtre Marie Curie
10:30 11:30	<b>Johanna Ivaska, FI</b> University of Turku, Turku - FI	Every step of the way – integrins in cancer progression	
11:30 12:00	<b>BREAK</b>		Salle Joliot
12:00 13:00	<b>Patrick Caswell</b> University of Manchester, Manchester - UK	Endocytic trafficking in spatial signaling to the cytoskeleton	Amphithéâtre Marie Curie
13:00 14:30	<b>LUNCH</b>		Green Café
14:30 15:30	<b>Johanna Ivaska, FI</b> University of Turku, Turku - FI	Endosomal signalling and integrin-RTK crosstalk	Amphithéâtre Marie Curie
15:30 16:30	<b>Short Talks: Ralitz Staneva, Jakub Gemperle &amp; Raquel Duarte</b>		
16:30 17:00	<b>BREAK</b>		Salle Joliot
17:00 18:00	<b>Patrick Caswell</b> University of Manchester, Manchester - UK	Coordinating rear retraction in cell migration	Amphithéâtre Marie Curie
18:00 21:00	<b>Mentoring and dinner</b>		Chez Marie

1<sup>st</sup> Cell Biology and Cancer Course  
April 11-18, 2018

A Training Unit International Course - Open conferences in blue



Wednesday, April 18 <sup>th</sup>		CHEMISTRY AND OPTOGENETIC TOOLS	
09:30 10:30	<b>Mathieu Coppey</b> Institut Curie, Paris - FR	Optogenetic dissection of cell polarity and migration	Amphithéâtre Marie Curie
10:30 11:30	<b>Short Talks: Giorgio Seano, Diana Vargas-Hurtado &amp; Carine Rosse</b>		
11:30 12:00	<b>BREAK</b>		Salle Joliot
12:00 13:00	<b>Raphaël Rodriguez</b> Institut Curie, Paris - FR	Reprogramming the reactivity of metals in cancer	Amphithéâtre Marie Curie
13:00 14:30	<b>LUNCH</b>		Green Café
14:30 15:30	<b>Museum</b>		
15:30 16:30	<b>Franck Perez</b> Institut Curie, Paris - FR	Synchronizing transport to monitor trafficking to the cell surface	Amphithéâtre Marie Curie
17:00 19:00	<b>Certificates and cocktail</b>		Chez Marie