

2nd Course Genome Instability & Human Disease

May 28 - June 1, 2018

Institut Curie - Training Unit - International Course



Monday, May 28 th			
Chairs: Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert			
09:00	Training Unit	Welcome & practical aspects	
09:15	Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert	Introduction of the Course	Aphithéâtre du Pôle de Biologie du Développement
09:45	Elevator Pitch and self presentation	Short presentation of background and research interest (1 mn each)	
10:30	COFFEE BREAK & POSTER SET-UP		Hall BDD Annexes 3 & 4
11:00	Petr Cejka Institute for Research in Biomedicine, Bellinzona - CH	Regulating pathway choice in DNA break repair: mechanisms of DNA end resection Chairs: Mathieu CARRARA, Leonel NGUEKEU ZEBAZE, Mélissa THOMAS	Aphithéâtre du Pôle de Biologie du Développement
11:45	<i>Questions/Discussion Priority to student</i>		
12:00	Pierre Henri Gaillard CRBM, Marseille - FR	Structure-specific endonucleases, scaffolds and genome stability Chairs: Hugo DORISON, Florian GROELLY, Manon JULIEN	
12:45	<i>Questions/Discussion Priority to student</i>		
13:00	LUNCH		Green Café
14:00	Thanos Halazonetis University of Geneva, Geneva - CH	DNA replication stress and cancer Chairs: Alexandra PYATNITSKAYA, Samyuktha SURESH, Weitao WANG	Aphithéâtre du Pôle de Biologie du Développement
14:45	<i>Questions/Discussion Priority to student</i>		
15:00	Anne Donaldson University of Aberdeen, Aberdeen - UK	Insights from Yeast on Chromosome Maintenance and Cancer Prevention Chairs: Cynthia PETRILLO, Maria Ylenia VIETRI	
15:45	<i>Questions/Discussion Priority to student</i>		
16:00	COFFEE BREAK & First POSTER Session		Hall BDD Annexes 3 & 4
17:00	Chunlong Chen Institut Curie, Paris - FR	Spatio-temporal replication program of the human genome and its impact on genome instability Chairs: Hugo DORISON, Manon JULIEN	Aphithéâtre du Pôle de Biologie du Développement
17:45	<i>Questions/Discussion Priority to student</i>		

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Chairs: Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert			
09:00	Nicolas Manel Institut Curie, Paris - FR	Innate immune sensors of DNA in health and disease Chairs: Mélanie PRODHOMME, Héroïse COUTELIER	Aphithéâtre du Pôle de Biologie du Développement
09:45	<i>Questions/Discussion Priority to student</i>		
10:00	George Garinis Institute of Molecular Biology and Biotechnology, Heraklion - GR	DNA damage and chronic inflammation in development and disease Chairs: Aurore BOCHNAKIAN, Davide PANIGADA, Gabriel Eduardo de MATOS RODRIGUES	
10:45	<i>Questions/Discussion Priority to student</i>		
11:00	COFFEE BREAK		Hall BDD
11:30	Nadine Laguette Institute of Human Genetics, Montpellier - FR	Cancer related inflammation: too much of a good thing? Chairs: Aurore BOCHNAKIAN, Estelle VINCENDEAU	Aphithéâtre du Pôle de Biologie du Développement
12:15	<i>Questions/Discussion Priority to student</i>		
12:30	LUNCH & Career Development round table		Chez Marie
14:00	Haico Van Attikum Leiden University Medical Center, Leiden - NL	Regulation and dynamics of DNA repair in a chromatin context Chairs: Cynthia PETRILLO, Fouad OUASTI, Solène HERVE	Aphithéâtre du Pôle de Biologie du Développement
14:45	<i>Questions/Discussion Priority to student</i>		
15:00	COFFEE BREAK & Second POSTER Session		Hall BDD Annexes 3 & 4
17:00	Kirill Lobachev - Mayent Rotchild Institut Curie, Paris - FR (sabbatical)	Mechanisms for chromosomal breakage and rearrangements induced by palindromic repeats Chairs: Samyuktha SURESH, Maria Ylenia VIETRI, Charlotte AUOYNAUD	Aphithéâtre du Pôle de Biologie du Développement
17:45	<i>Questions/Discussion Priority to student</i>		

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Wednesday, May 30 th			
Chairs: Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert			
09:00	Laurence Vernis Institut Curie, Orsay - FR	In vivo alteration of the iron-sulfur center in DNA polymerase delta and consequences on yeast genome stability Chairs: Jo-Ann NETTERSHEIM, Fouad OUSTI	Aphithéâtre du Pôle de Biologie du Développement
09:45	<i>Questions/Discussion Priority to student</i>		
10:00	Avin Ramaiya LUMICKS, Amsterdam - NL	Workshop on single molecule techniques to understand DNA-protein dynamics	
11:00	COFFEE BREAK		Hall BDD
11:30	Aura Carreira Institut Curie, Orsay - FR	Variants of unknown clinical significance, a genetic tool to interrogate the function of BRCA2 Chairs: Florian GROELLY, Gabriel Eduardo de MATOS RODRIGUES	Aphithéâtre du Pôle de Biologie du Développement
12:15	<i>Questions/Discussion Priority to student</i>		
12:30	LUNCH		Green Café
14:00	Evi Soutoglou IGBMC, Strasbourg - FR	Spatial organization of DNA repair in the nucleus Chairs: Jo-Ann NETTERSHEIM, Coline ARNOULD	Aphithéâtre du pôle de Biologie du Développement
14:45	<i>Questions/Discussion Priority to student</i>		
15:00	Best prize Elevator Pitch		
15:30	COFFEE BREAK & Third POSTER Session		Hall BDD Annexes 3 & 4
17:00	Jean-Baptiste Charbonnier i2bc, Gif-sur-Yvette - FR	Roles of Ku70/Ku80 in NHEJ: From DSB recognition to ligation Chairs: Mathieu CARRARA, Lisa SALHI	Aphithéâtre du pôle de Biologie du développement
17:45	<i>Questions/Discussion Priority to student</i>		

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Thursday, May 31 st			
Chairs: Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert			
09:00	Raphael Ceccaldi Institut Curie, Paris - FR	Alternative DNA repair mechanisms in cancer Chaiman: Domagoj VUGIC, Mélanie PRODHOMME	Aphithéâtre du Pôle de Biologie du Développement
09:45	<i>Questions/Discussion Priority to student</i>		
10:00	Jenny Wu Institute of Genetics and Development, Rennes - FR	The organization of DNA replication: beyond genome duplication Chairs: Coline ARNOULD, Solène HERVE	
10:45	<i>Questions/Discussion Priority to student</i>		
11:00	Museum Curie, guided visit		Musée Curie
12:00	LUNCH & Fourth POSTER Session		Hall BDD Annexes 3 & 4
14:00	Madalena Tarsounas CRUK/MRC Institute for Radiation Oncology, Oxford - UK	Probing for the Achilles Heel of BRCA1- and BRCA2-mutated Tumours Chairs: Weitao WANG, Lisa SALHI, Raquel VIVET-NOGUER	Aphithéâtre du Pôle de Biologie du Développement
14:45	<i>Questions/Discussion Priority to student</i>		
15:00	Valeria Naim Institut Gustave Roussy, Villejuif - FR	Fanconi anemia: a disease model to understand causes and consequences of common fragile site instability Chairs: Leonel NGUEKEU ZEBAZE, Charlotte AUDOYNAUD	
15:45	<i>Questions/Discussion Priority to student</i>		
16:00	COFFEE BREAK		Hall BDD
16:30	Alex Duval Saint-Antoine Research Center, Paris - FR	Microsatellite Instability and Cancer: From Genomics to Clinics Chairs: Alexandra PYATNITSKAYA, Estelle VINCEDEAU	Aphithéâtre du Pôle de Biologie du Développement
17:15	<i>Questions/Discussion Priority to student</i>		
17:30	Last POSTER Session to finalize evaluation		Annexes 3 & 4

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Friday, June 1 st			
Chairs: Valérie Borde, Aura Carreira, Chunlong Chen, Sarah Lambert			
09:00	Francesc Posas Universitat Pompeu Fabra, Barcelona - SP	Coordination of stress-mediated gene expression and DNA replication by signaling kinases Chaiman: Alessia OPPEZZO, Mélissa THOMAS	Aphithéâtre du Pôle de Biologie du Développement
09:45	<i>Questions/Discussion Priority to student</i>		
10:00	Martin Dutertre Institut Curie, Orsay - FR	Role of RNA regulations and RNA-binding proteins in the DNA damage response Chairs: Raquel VIVET-NOGUER, Heloise COUTELIER	
10:45	<i>Questions/Discussion Priority to student</i>		
11:00	COFFEE BREAK + students meeting for best poster prize election		Hall BDD
11:30	Steve Jackson Gurdon Institute, University of Cambridge, Cambridge - UK	My career in DNA repair: From Ku to KuDOS and beyond Chairs: Alessia OPPEZZO, Xiaojuan YANG, Davide PANIGADA	Aphithéâtre du Pôle de Biologie du Développement
12:30	<i>Questions/Discussion Priority to student</i>		
13:00	LUNCH		Chez Marie
14:00	Steve Jackson Gurdon Institute, University of Cambridge, Cambridge - UK	Cellular responses to DNA damage: from mechanistic insights to applications in cancer therapy	Aphithéâtre Burg
15:30	Maria Teresa Teixeira IBPC, Paris - FR	Frequent Adaptation Events in Senescent Telomerase-Negative Cells Promote Genome Instability Chairs: Xiaojuan YANG, Domagoj VUGIC	Aphithéâtre du Pôle de Biologie du Développement
16:15	<i>Questions/Discussion Priority to student</i>		
16:30	Best poster prize, course certificate and debriefing		

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