

10th Course on Epigenetics : March 2014 - Programme

Training Unit - International Course - Open conferences (in blue)

Wednesday March 12th				Chairs: Geneviève Almouzni and Nathalie Dostatni	
08:45	Training Unit (Institut Curie)		Welcome & practical aspects		Hall of the BDD Building
09:30-10:00	Geneviève Almouzni/Nathalie Dostatni (UMR 3664, Institut Curie/CNRS)		Presentation of the module by the organizers & scientific committee		BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 Paris
	Committee of the Saturday workshop		Presentation of this workshop		
10:00	Students presentation/ personal work		Short presentation of background and research interest (1 mn each) orchestrated by Salomé Adam		
10:30	BREAK "BDD hall" and POSTERS SET-UP				
11:00-11:45	Andrew Moore (BioEssays, Weinheim, Germany)		Optimize your chances of publication and recognition by optimizing your written communication		
12:00-12:45	Geneviève Almouzni (UMR 3664, Institut Curie/CNRS)		Chromatin assembly and histone chaperones		
13:00	LUNCH "Green Café" (table for speakers and 4/6 selected students)				
	Alumni 10 th anniversary special				
14:00-14:25	Céline Vallot (2nd Course 2005) (Univ. Paris-Diderot, Paris, France)		Control of X-chromosome activity in human		
14:35-15:00	Armelle Corpet (3rd Course, 2006) (University Hospital Zurich, Switzerland)		Chromatin dynamics in senescent cells		
15:10	BREAK "BDD Hall"				
15:40-16:05	Ragnhild Eskeland (2nd Course, 2005) (University of Oslo, Norway)		Histone variants in development and disease		
16:15-16:40	Guillaume Filion (1st Course 2004) (CRG, Barcelona, Spain)		The plasticity of chromatin		
17:00-19:30	Epigenetic Imagin(in)g workshop with Paul Harrison				Salles Annexes Burg
19:30	Welcome reception au "Green Café"				12, rue Lhomond - 75005 Paris

Thursday March 13th		Chairs: Nathalie Dostatni / Cyrille Billaudeau	
09:30-10:15	Patricia Le Baccon / Tristan Piolot (UMR 3664/UMR3215/U934, Institut Curie/CNRS/INSERM)	Microscopy, high resolution microscopy and epigenetics	BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 Paris
10:30-10:50	Article presentation by Yukiko Imai & Anna Palau de Miguel	Analysis of replication factories in human cells by super-resolution light microscopy (2009). BMC Cell Biol. 10, 88. Proposed by Patricia La Baccon Reviewed by Orso Maria Romano & Peter Zeller	
11:00-11:30	BREAK "BDD hall" and GROUP PICTURE		
11:30-12:15	Angela Taddei (UMR 3664, Institut Curie/CNRS)	Clustering heterochromatin: mechanisms and function in budding yeast	
12:30-12:50	Article presentation by Darko Barisic & David Sitbon	Presentation of articles by the students LBR and lamin A/C sequentially tether peripheral heterochromatin and inversely regulate differentiation (2013). Cell 152, 584-598 Proposed by Angela Taddei Reviewed by Madeleine Fossliie & Ronja Woloszczuk	
13:00	LUNCH "Green Café" (table for speakers and 4/6 selected students)		
14:00-14:45	Nathalie Dostatni (UMR 3664, Institut Curie/CNRS)	Imaging transcriptions in living drosophila embryos	
15:00-15:20	Article presentation by Anne-Lyse Denizot & Ahmed Missael Vargas Velazquez	Real-time observation of transcription initiation and elongation on an endogenous yeast gene (2011). Science 332, 475–478. Proposed by Nathalie Dostatni Reviewed by Achal Rastogi & Charles Underwood	
15:30	BREAK "BDD hall"		
16:00-16:45	Judith Mine-Hattab (UMR 3664, Institut Curie/CNRS)	DNA mobility in yeast visualized with high resolution microscopy	
17:00-17:20	Article presentation by Alisha Marti & Katerina Tsouroula	Checkpoint kinases and the INO80 nucleosome remodeling complex enhance global chromatin mobility in response to DNA damage (2013). Genes Dev. 27, 1999–2008. Proposed by Judith Mine-Hattab Reviewed by Juliette Dabin & Sivan Koskas	
17:30-19:30	POSTER SESSION : all chairs should be present (Arnaud, Judith & Sébastien in charge for the prize)		

Friday March 14th		Chairs: Sébastien Bloyer / Angela Taddei	
09:30-10:15	Edith Heard/Julie Chaumeil (UMR3215, Institut Curie/CNRS)	X-chromosome inactivation: a model for monoallelic gene expression and epigenetics	BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 Paris
10:30-10:50	Article presentation by Sophie Kan & Olga Rosspopoff	The Xist lncRNA exploits three-dimensional genome architecture to spread across the X chromosome (2013). Science 341, 1237973. Proposed by Julie Chaumeil Reviewed by Martina Begnis & Christian Naucke	
11:00	BREAK "BDD hall"		
11:30-12:15	Luisa Dandolo (Institut Cochin, Paris)	H19 locus and multiple regulatory roles of RNAs	
12:30-12:50	Article presentation by Baptiste Michard & Deepani Poramba Liyanage	Mutation in folate metabolism causes epigenetic instability and transgenerational effects on development (2013).Cell 155, 81–93. Proposed by Luisa Dandolo Reviewed by Ulduz Sobhi Afshar	
13:00	LUNCH "Green Café" (table for speakers and 4/6 selected students)		
14:00	POSTER SESSION : All chairs should be present (Arnaud, Judith & Sébastien in charge for the Prize)		
15:30-16:15	Asifa Akhtar (Max Planck Institute, Freiburg, Germany)	Chromatin and RNA dynamics during dosage compensation in Drosophila	
16:30-16:50	Article presentation by Marianne Entrevan & Ida Holst Pedersen	The RING finger protein MSL2 in the MOF complex is an E3 ubiquitin ligase for H2B K34 and is involved in crosstalk with H3 K4 and K79 methylation (2011). Molecular Cell 43, 132–144. Proposed by Asifa Akhtar Reviewed by Ilario De Toma & Bin Yang	
17:30	Sir John Gurdon: First special Anniversary Lecture (Wellcome Trust, Cambridge, UK)	From somatic cell nuclear transfer to cell replacement prospects	Collège de France Amphithéâtre Maurice 11, Place Marcelin Berthelot 75005 - Paris

Saturday March 15th WORKSHOP on CAREER DEVELOPMENT:

11:00 - 13:00	Organized by PhD students/Post-Docs (UMR 3664, Institut Curie/CNRS)	President: Laura Roseaulin Members: Marie Clémot, Antoine Hocher, Sebastian Muller, Lisa Prendergast	<p style="text-align: center;">Self Institut Curie 25, rue d'Ulm - 1st floor 75005 - Paris</p>
	Invited participants:	<p>Editor:</p> <ul style="list-style-type: none"> . Marie Neige Cordonnier - Scientific Journalist, Paris, France . Thomas Lemberger - Deputy Head of Scientific Publications, EMBO Chief Editor, Molecular Systems Biology, Heidelberg, Germany <p>Private companies:</p> <ul style="list-style-type: none"> . Olivier Crauk - Associate Director Business Development at Forest Laboratories, London, England . Stéphane Huet - Head of Partnership at GSK, Paris, France . Guilhem Velve Casquillas - Chief Executive Officer and co-Founder of Elvesys, Paris, France <p>Academic:</p> <ul style="list-style-type: none"> . Ronan Bree - Senior Lecturer at Dundalk Institute of Technology, Ireland . Mathilde Garcia - Assistant Professor at Université Pierre et Marie Curie, Paris, France <p>Management:</p> <ul style="list-style-type: none"> . Gabrielle Bertier - Scientific Project Manager at CGR, Barcelone, Spain . Tatiana Malherbe - EpiGeneSys Management Office at Institut Curie, Paris, France . Gerlind Wallon - Deputy Director at EMBO, Young Investigator Programme, Installation Grants and Women in Science, Heidelberg, Germany . Reaka Aiyar - Scientific Communications Officer at EMBL, Heidelberg, Germany <p>Post-Doc in collaboration with start-up:</p> <ul style="list-style-type: none"> . Baptiste Saudemont, ESPCI, Paris, France 	

FREE AFTERNOON

Monday March 17th			Chairs: Valérie Borde / Judith Mine-Hattab
9:30-10:15	Manolis Papamichos-Chronakis (UMR 3664, Institut Curie/CNRS)	Chromatin regulation of genome stability	BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 - Paris
10:30-10:50	Article presentation by Martina Begnis & Juliette Dabin	Acetylation-Mediated Proteasomal Degradation of Core Histones during DNA Repair and Spermatogenesis (2013). Cell 153, 1012–1024. Proposed by Manolis Papamichos-Chronakis Reviewed by David Sitbon & Marianne Entrevan	
11:00	BREAK "BDD hall"		
11:30-12:15	Benoit Arcangioli (Institut Pasteur, Paris)	Polar DNA replication of mat1 generates asymmetric cell division in fission yeast	
12:30-12:50	Article presentation by Ilario De Toma & Peter Zeller	Two portable recombination enhancers direct donor choice in fission yeast heterochromatin (2013). PLoS Genet. 9, e1003762. Proposed by Benoit Arcangioli Reviewed by Anne-Lyse Denizot & Alisha Marti	
13:00	LUNCH "Chez Marie" (table for speakers and 4/6 selected students)		
14:00-15:00	INSTITUT CURIE MUSEUM: FREE VISIT		
15:00-15:45	Sarah Lambert (UMR3348, Institut Curie/CNRS)	Chromatin factors and homologous recombination	
16:00-16:20	Article presentation by Sivan Koskas & Christian Naucke	The Fun30 nucleosome remodeller promotes resection of DNA double-strand break ends (2012). Nature 489, 576–580. The yeast Fun30 and human SMARCAD1 chromatin remodellers promote DNA end resection (2012). Nature 489, 581–584. Proposed by Sarah Lambert Reviewed by Darko Barisic & Yukiko Imai	
16:30	BREAK "BDD Hall"		
17:30	Wolf Reik: Second special Anniversary Lecture (Babraham Institute, Cambridge, UK)	The role of DNA modifications in epigenetic reprogramming and signalling	Collège de France Amphithéâtre Maurice 11, Place Marcelin Berthelot 75005 - Paris

Tuesday March 18th			Chairs: Manolis Papamichos-Chronakis / Arnaud de Muyt	
09:30-10:15	Allison Bardin (UMR3215/U934, Institut Curie/CNRS / INSERM)	Roles of chromatin remodelling factors in adult stem cells and tissue renewal		BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 - Paris
10:30-10:50	Article presentation by Madeleine Fossli	Enhancer-associated H3K4 monomethylation by Trithorax-related, the Drosophila homolog of mammalian Mll3/Mll4 (2012). Genes Dev. 26, 2604–2620. Proposed by Allison Bardin Reviewed by Ida Holst Pedersen & Olga Rosspopoff		
11:00	BREAK "BDD hall"			
11:30-12:15	Filippo Rijli (FMI, Bale, Switzerland)	Epigenetic and transcriptional regulation of neuronal development and connectivity in the mouse		
12:30-12:50	Article presentation by Achal Rastogi & Ulduz Sobhi Afshar	Polycomb repressive complex 1 activities determine the columnar organization of motor neurons (2012). Genes Dev. 26, 2236–2250. Proposed by Filippo Rijli Reviewed by Baptiste Michard & Anna Palau de Miguel		
13:00	LUNCH "Chez Marie" (table for speakers and 4/6 selected students)			
14:00-14:45	Vincent Colot (IBENS, ENS, Paris)	Transgenerational epigenetics: from myth to reality		
15:00-15:20	Article presentation by Orso Maria Romano & Ronja Woloszczuk	Patterns of population epigenomic diversity (2013).Nature 495, 193–198. Proposed by Vincent Colot Reviewed by Deepani Poramba Liyanage & Ahmed Missael Vargas Velazquez		
15:30	BREAK "BDD hall"			
16:00-16:45	Valerie Borde (UMR 3664 Institut Curie/CNRS)	Chromatin and recombination in meiosis		
17:00-17:20	Article presentation by Charles Underwood & Bin Yang	Genetic recombination is directed away from functional genomic elements in mice (2012). Nature 485, 642–645. Proposed by Valérie Borde Reviewed by Sophie Kan & Katerina Tsouroula		
17:30	Dörthe Nickel (EpiGeneSys) (UMR 3664, Institut Curie/CNRS)	Scientific funding		
18:00	Visite du Nikon Imaging Center avec Patricia Le Baccon			
19:30	Farewell Cocktail and Poster prize celebration : Buffet Dinner "Chez Marie" Speakers of the day and day after & all chairs			12, rue Lhomond - 75005 Paris

Wednesday March 19th		Chairs: Jean-Pierre Quivy / Edith Heard	
09:30	DEBRIEFING OF THE COURSE		BDD Amphithéâtre 11-13, rue Pierre & Marie Curie 75005 - Paris
10:00-10:45	Kristian Helin (BRIC, Copenhagen, Denmark)	Role of epigenetic proteins in stem cells and cancer	
11:00	BREAK "BDD Hall"		
11:30-12:30	Wendy Bickmore (MRC, Edimbourg, Scotland)	Inactive and late replicating chromatin at the nuclear periphery: chicken and egg	
12:45	LUNCH "Green Café" (table for speakers for 4/6 selected students)		
14:30	Farewell and departure		