



6th course on **NON-CODING GENOME**
 February 24 – March 3, 2017
 Institut Curie - Training Unit - International Course



Friday, February 24		High throughput sequencing	Chairs: Antonin Morillon Marina Pinskaya
13.00 - 13.30	Registration		Burg Hall - Institut Curie 12, rue Lhomond 75005 - Paris
13.30 – 14.00	Antonin MORILLON Institut Curie, Paris, FRANCE	Welcome, practical aspects	Amphitheatre Burg Institut Curie 12, rue Lhomond 75005 - Paris
14.00 – 15.00	Gregory HANNON, KEYNOTE CRIK, Cambridge, UNITED KINGDOM	A small RNA based innate immune system	
15.00 – 15.30	COFFEE BREAK		Green café
15.30 – 16.30	Jennifer HARROW Illumina, Cambridge, UNITED KINGDOM	Annotation of the Non-coding Genome	Amphitheatre Burg
16.30 – 17.15	Sylvain BAULANDE Institut Curie, Paris, FRANCE	Next-Generation RNA Sequencing: From RNA to Data analysis	
17.15 – 18.00	Nicolas SERVANT Institut Curie, Paris, FRANCE		
18.00 – 19.30	WELCOME COCKTAIL & Participants self-presentation		Chez Marie

- Open conferences (in blue)



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Saturday, February 25		Tutorials	Chair: Marina Pinskaya
10.00 – 11.00	Claire HIVROZ Institut Curie, Paris, FRANCE	Scientific integrity: what for?	Amphitheatre BDD
11.00 – 11.30	COFFEE BREAK		BDD Hall
11.30 – 12.30	David DEL ALAMO EMBO, Heidelberg, GERMANY	Funding opportunities to junior researchers	Amphitheatre BDD



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Monday, February 27		Small non-coding RNAs		Chairs: Déborah Bourc'his Marina Pinskaya
10.00 – 11.00	Marina CHEKULAEVA BIMSB/MDC, Berlin, GERMANY	Exploring subcellular RNA localization and translation in neurons	Amphitheatre BDD	
11.00 – 11.30	COFFEE BREAK		BDD Hall	
11.30 – 12.00	Nicolas BAYLE & Karoline KRAGH EBBESEN	Roche et al Science 2016	Amphitheatre BDD	
12.00 – 13.00	Stefan AMERES IMBA, Vienna, AUSTRIA	Mechanism and Biology of RNA Silencing		
13.00 – 14.30	LUNCH		Green Café	
14.30 – 15.00	Laura BAUDRIN & Janina LUITZ	Sharma et al. Science 2016	Amphitheatre BDD	
15.00 – 16.00	Alena Shkumatava Institut Curie, Paris, FRANCE	A conserved transcript regulates miRNA turnover and animal behavior		
16.00 – 16.30	Mathilde DURA & Sabina LICHOLAI	Powers et al Nature 2016		
17.00 – 19.00	POSTER SESSION (all participants)		Annexes 3-4, BDD Hall	

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Tuesday, February 28		Long non-coding RNAs		Chairs: Antonin Morillon Ines Drinnenberg
10.00 – 11.00	Alain JACQUIER Institut Pasteur, Paris, FRANCE	Quality control mechanisms during gene expression and pervasive transcription in eukaryotes	Amphitheatre BDD	
11.00 – 11.30	Rim BERDKAN & Karine CASIER	Yu et al. PNAS 2016		
11.30 – 12.00	COFFEE BREAK		BDD Hall	
12.00 – 13.00	Martin CRESPI IPS2, Gif-sur-Yvette, FRANCE	Plant non-coding RNAs in alternative splicing and epigenetic regulation	Amphitheatre BDD	
13.00 – 14.30	LUNCH		Green Café	
14.30 – 15.00	Ulysse BOUSQUET & Lotte STAGSTED	Vallot et al Cell Stem Cell 2015	Amphitheatre BDD	
15.00 – 16.00	Pablo NAVARRO GIL Institut Pasteur, Paris, FRANCE	Long non-coding RNAs in pluripotency and self-renewal		
16.00 – 16.30	COFFEE BREAK		BDD Hall	
16.30 – 17.00	Guillaume BEINSE & Giorgia BARUCCI	Xu et al Nat Com 2015	Amphitheatre BDD	
17.00 – 18.00	Alexandra HENRION CAUDE Hôpital Necker, Paris, FRANCE	The hidden side of mitochondria: an opportunity to unravel microRNAs, long non-coding RNAs, circular RNAs and beyond...		

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Wednesday, March 1		Antisense long non-coding RNAs		Chairs: Antonin Morillon Alena Shkumatava
10.00 – 11.00	Reina FERNANDEZ de LUCO IHG, Montpellier, FRANCE	Beyond the DNA: the role of chromatin and lncRNAs in the regulation of alternative splicing	Amphitheatre BDD	
11.00 – 11.30	COFFEE BREAK		BDD Hall	
11.30 – 12.00	Laurie BOUSQUET & Julie CODZAMANIAN	Mineo et al Cell rep 2016	Amphitheatre BDD	
12.00 – 13.00	Adele MURRELL University of Bath, Bath, UNITED KINGDOM	Separating product and act of lncRNA transcription		
13.00 – 14.30	LUNCH		Green Café	
14.30 – 15.00	Claire CAILLOT & Vladyslava GORBOVYTSKA	Marchese et al Mol Cell 2016	Amphitheatre BDD	
15.00 – 16.00	Ron DZIKOWSKI IMRIC, Jerusalem, ISRAEL	Antisense lncRNAs play a key role in regulating immune evasion by malaria parasites		
16.00 – 17.00	Pierre DAL COL & Anais WAMBECKE	Westermann et al. Nature 2016		
17.00 – 19.00	POSTER SESSION		Annexes 3-4, BDD Hall	

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Thursday, March 2		Non-coding RNAs in normal and pathological development		Chairs: Arturo Londoño Alena Shkumatava
10.00 – 11.00	Eleonora LEUCCI (Marine lab) VIB, Leuven, BELGIUM	LINCing cancer therapy to ncRNA biology	Amphitheatre BDD	
11.00 – 11.30	COFFEE BREAK		BDD Hall	
11.30 – 12.00	Romane DURAND & Sébastien RIQUIER	Rani et al Neuron 2016	Amphitheatre BDD	
12.00 – 13.00	Dónal O'CARROLL CRM, Edinburgh, UNITED KINGDOM	Non-coding solution to developmental challenges		
13.00 – 14.30	LUNCH		Green Café	
14.30 – 15.00	Laura Nalleli GARRIDO CASTILLO & Roberto VENDRAMIN	Nishitsuji et al PNAS 2016	Amphitheatre BDD	
15.00 – 16.00	Puri FORTES CIMA, Pamplona, SPAIN	LncRNAs in the antiviral response		
16.00 – 16.30	COFFEE BREAK		BDD Hall	
16.30 – 17.00	Yann MEHEUST & Ashley LU	Conn et al Cell 2015	Amphitheatre BDD	
17.00 – 18.00	Ramesh PILLAI University of Geneva, Geneva, SWITZERLAND	Genome defense by germline small RNAs		

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Friday, March 3			Non-coding RNAs as biomarkers, therapeutic targets and genetic tools		Chairs: Franck Toledo Arturo Londono	
10.00 – 11.00	Anna ZAMPETAKI (Mayr lab) MSKCC, London, UNITED KINGDOM	MicroRNA Networks and Cardiovascular Risk	Amphitheatre BDD			
11.00 – 12.00	Zsuzsanna IZSVAK MDC, Berlin, GERMANY	Domesticated Transposable Element-derived Sequences Define Primate/Human Pluripotency				
12.00 – 12.30	Jasmine BARRA & Lauriane LEMELLE	Du et al Nat com 2016				
12.30 – 13.30	LUNCH		Green Café			
13.30 – 14.00	Aleksandra LEVINA & Vitalina VOLOCHTCHOUK	Zhu et al Nat Biot 2016	Amphitheatre BDD			
14.00 – 15.00	Rory JOHNSON CGR, Barcelona, SPAIN	Tools for capturing and decapitating long noncoding RNAs				
15.10 – 16.00	Antonin MORILLON Institut Curie, Paris, FRANCE	Concluding Remarks & Notes / certificates attribution				
END of the course						