



8th course on **NON-CODING GENOME**
 February 13-20, 2019
 Institut Curie - Training Unit - International Course



Université
 franco-allemande
 Deutsch-Französische
 Hochschule

Wednesday, February 13		Non-coding genome and pervasive transcription		Chairs: Antonin Morillon Sven Diederichs
11.30 – 12.30	Registration & LUNCH (sandwiches)		BDD Hall - Institut Curie 11 rue Pierre et Marie Curie 75005 Paris	
12.30 – 13.00	David CAPITANT <i>DFH-UFA, Paris, France</i>	Welcome	Amphitheatre BDD	
13.00 – 13.30	Antonin MORILLON & Marina PINSKAYA <i>Institut Curie, Paris, FR</i>	Introduction		
13.30 – 14.00	Participants	Self-presentation		
14.00 – 15.00	Andreas MAYER <i>Max Planck Institute for Molecular genetics, Munich, DE</i>	Unravelling genome transcription with nucleotide precision in human cells		
15.00 – 16.00	Andreas KELLER <i>Saarland University, Saarbruecken, DE</i>	Data science in small non-coding RNA analysis		
16.00 – 16.30	COFFEE BREAK		BDD Hall	
16.30 – 17.30	Pieter MESTDAGH <i>Center for Medical Genetics, Ghent, BE</i>	Mining public RNA-seq repositories for discovery of non-coding RNA biomarkers and therapeutic targets.	Amphitheatre BDD	
17.30 – 18.30	Sven DIEDERICHS <i>Albert-Ludwigs-University Freiburg, German Cancer Research Center (DKFZ), Heidelberg, DE</i>	Tutorial: How to do scientific presentation		
18.30 – 20.00	WELCOME COCKTAIL		Chez Marie 12 rue Lhomond, Paris	

- Open conferences (in blue)



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Chairs: Deborah Bourc'his
 Ines Drinnenberg

Thursday, February 14

Small non-coding RNAs

10.00 – 11.00	Ramesh PILLAI <i>University of Geneva, Geneva, CH</i>	Germline small RNAs for genome protection	Amphitheatre BDD
11.00 – 11.30	COFFEE BREAK		BDD Hall
11.30 – 12.00	Agnes DOR & Nawa HACHEM	JC1. Teixeira et al. 2017: piRNA-mediated regulation of transposon alternative splicing in the soma and germ line	Amphitheatre BDD
12.00 – 13.00	Petr SVOBODA <i>Institute of Molecular Genetics of the ASCR, Prague, CZ</i>	Small and long non-coding RNAs in mouse oocytes	
13.00 – 14.30	LUNCH		Green Café
14.30 – 15.00	Marina AZNAOUROVA, Florent CHARTON, Estefania SANCHEZ VASQUEZ	JC2. Basu et al. 2017: let-7 miRNA controls CED-7 homotypic adhesion and EFF-1-mediated axonal self-fusion to restore touch sensation following injury	Amphitheatre BDD
15.00 – 16.00	Maiwen CAUDRON HERGER <i>German Cancer Research Center DKFZ, Heidelberg, DE</i>	Proteome-wide and quantitative identification of RNA-dependent proteins	
16.00 – 16.30	COFFEE BREAK		BDD Hall
16.30 – 17.00	Laure BERNARD & Emmanuel CAZOTTES	JC3. Ghini et al. 2018: Endogenous transcripts control miRNA levels and activity in mammalian cells by target-directed miRNA degradation	Amphitheatre BDD
17.00 – 18.00	OPEN DISCUSSIONS on Career Development in Research		

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Friday, February 15

Long non-coding RNAs

Chairs: Alena Shkumatava
 Maiwen Caudron-Herger

- Open conferences (in red)

- Open conferences (in blue)

09.00 – 09.50	Musée Curie		
10.00 – 11.00	Sven DIEDERICHS <i>Albert-Ludwigs-University Freiburg, German Cancer Research Center (DKFZ), Heidelberg, DE</i>	The RNA World in Cancer	Amphitheatre BDD
11.00 – 11.30	Mira BRAZANE & Sebastian ITTERMANN	JC4. Kim et al. 2018: Long noncoding RNA MALAT1 suppresses breast cancer metastasis	
11.30 – 12.00	COFFEE BREAK		BDD Hall
12.00 – 13.00	Chandrasekhar KANDURI <i>University of Gothenburg, Gothenburg, SE</i>	lncRNA and nuclear architecture	Amphitheatre BDD
13.00 – 14.00	LUNCH		Green Café
14.00 – 15.00	Eric MISKA <i>Gurdon Institute, University of Cambridge, Cambridge, UK</i>	An ancient machinery drives piRNA transcription in <i>C. elegans</i>	Amphitheatre BDD
15.00 – 15.30	Elena GARGAUN, Giulia BUONAIUTO, Julien OUVARD	JC5. Woo Cho et al. 2018: Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element	
15.30 – 16.30	Albrecht BINDEREIF <i>The institute of biochemistry, Giessen, DE</i>	Circular RNA	
16.30 – 17.00	Florian CONSTANTY & Ekaterina KAPITONOVA	JC6. Yu et al. 2018: The circular RNA circBIRC6 participates in the molecular circuitry controlling human pluripotency	
17.00 – 19.00	POSTER SESSION, PART I (participants)		Annexes 3-4, BDD

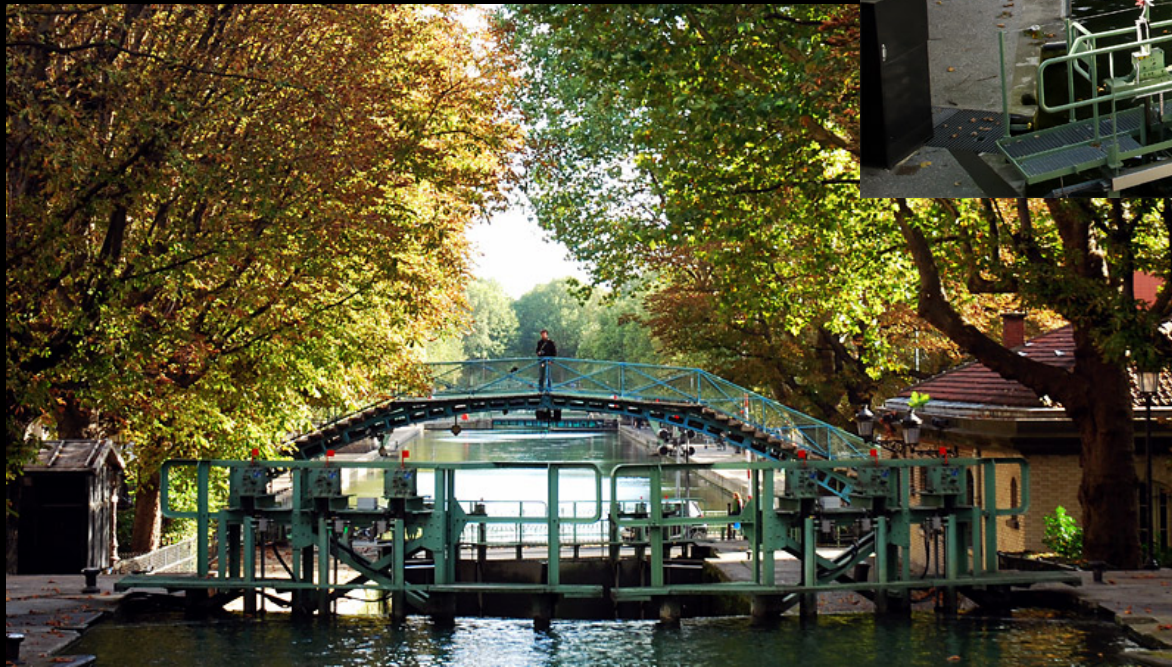


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Saturday, February 16 @ 14h – 17h

Canal Saint Martin





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Monday, February 18

Long non-coding RNAs

Chairs: Antonin Morillon
 Marina Pinskaya

09.00 – 10.00	Claire ROUGEULLE <i>Université Paris-Diderot, Paris, FR</i>	Functional and mechanistic plasticity of long noncoding RNAs: lessons from X-inactivation	Amphitheatre BDD
10.00 – 11.00	Fabrizio D'ADDA DI FAGAGNA <i>FIRC Institute of Molecular Oncology Foundation, Milan, IT</i>	The role of RNA in genome stability	
11.00 – 11.30	COFFEE BREAK		BDD Hall
11.30 – 12.00	Maria-Filothai LAZARIDOU & Thomas DAMAGNEZ	JC7. Sousa et al. 2018: Exit from Naive Pluripotency Induces a Transient X Chromosome Inactivation-like State in Males	Amphitheatre BDD
12.00 – 13.00	Ingrid GRUMMT <i>DKFZ, Heidelberg, DE</i>	DNA:RNA triplexes – a liaison between noncoding RNA and chromatin	
13.00 – 14.30	LUNCH & PHOTO		Green Café
14.30 – 15.00	Priyanka GOKULNATH & Pierre LAPLANTE	JC8. Hayashi et al. 2018: Single-cell full-length total RNA sequencing uncovers dynamics of recursive splicing and enhancer RNAs	Amphitheatre BDD
15.00 – 16.00	Michelle PERCHARDE <i>Imperial College of London, London, UK</i>	Retrotransposons in the control of embryonic stem cell identity and early development	
15.00 – 16.00	Charlie BUCHOU & Corey JONES-WEINERT	JC9. Sanli et al. 2018: Meg3 Non-coding RNA Expression Controls Imprinting by Preventing Transcriptional Upregulation in cis	
17.00 – 19.00	POSTER SESSION, PART II (PARTICIPANTS)		Annexes 3-4, BDD Hall



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Non-coding RNAs in normal and pathological development			Chairs: Antonin Morillon Marina Pinskaya
Tuesday, February 19			
10.00 – 11.00	Tony GUTSCHNER <i>Martin Luther University, Halle-Wittenberg, DE</i>	Studying RNA biology in cancer using genome editing tools	Amphitheatre BDD
11.00 – 11.30	COFFEE BREAK		BDD Hall
11.30 – 12.00	Alenca HARRINGTON & Ksenia MYACHEVA	JC10. Hosono et al. 2017: Oncogenic Role of THOR, a Conserved Cancer/Testis Long Non-coding RNA	Amphitheatre BDD
12.00 – 13.00	Pablo NAVARRO-GIL <i>Institut Pasteur, Paris, FR</i>	Long non-coding RNAs in pluripotency and self-renewal	
13.00 – 14.30	LUNCH		Green Café
14.30 – 15.00	Hugo MONTEMONT & Sabine SEELER	JC11. Munschauer et al. 2018: Noncoding RNA NORAD Regulates Genomic Stability by Sequestering PUMILIO Proteins	Amphitheatre BDD
15.00 – 16.00	Holger BIERHOFF <i>Center for Molecular Biomedicine, Jena, DE</i>	The nucleolus - a lncRNA world of its own	
16.00 – 16.30	COFFEE BREAK		BDD Hall
16.30 – 17.00	Eugenio SOLCHAGA & Jessica REA	JC12. Perry et al. 2018: Regulation of Neuroregeneration by Long Noncoding RNAs	Amphitheatre BDD
17.00 – 17.30	Monika VILIMOVA & Pauline MOSCA	JC13. Stein et al. 2018: Mitoregulin: A lncRNA-Encoded Microprotein that Supports Mitochondrial Supercomplexes and Respiratory Efficiency	

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Wednesday, February 20		Non-coding RNAs as biomarkers, therapeutic targets and genetic tools		Chair: Franck Toledo Arturo Londoño
10.00 – 11.00	Oliver ROSSBACH <i>The institute of biochemistry, Giessen, DE</i>	Artificial circular RNA sponges as a novel tool in molecular biology and medicine	Amphitheatre BDD	
11.00 – 11.30	Javier ROL MORENO, Suzanne MARQUES & Anna CETNAROWSKA	JC14. Abudayyeh et al. 2017: RNA targeting with CRISPR-Cas13		
11.30 – 12.00	COFFEE BREAK		BDD hall	
12.00 – 13.00	Michaela KRESS <i>Medizinische Universität Innsbruck, Innsbruck, DE</i>	microRNAs and chronic pain disorders	Amphitheatre BDD	
13.00 – 14.30	LUNCH		Green Café	
14.30 – 15.00	Charbel FEGHALY & Somayeh SHAHMORADI GHAHE	JC15. Ying et al. 2017: Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate In Vivo and In Vitro Insulin Sensitivity	Amphitheatre BDD	
15.00 – 16.00	Antonin MORILLON <i>Institut Curie, Paris, FR</i>	Concluding Remarks & Notes / certificates attribution		
END of the course				