

6th course on Post-Transcriptional Gene Regulation

An Advanced Training International Course
April 24-29, 2023



April 24, 2023			
09:00 09:30	Registration & Welcome coffee & Poster set-up		Amphitheater Nelly Riguet Institut Curie - Orsay
09:30 10:00	Course organizers	Presentation of the course	
10:00 11:00	Students' presentation	"Elevator pitches": Short presentations of research interest (60 sec each)	
11:00 12:00	Gil AST Tel Aviv University, IL	How genome 3D organization and nuclear organization direct different alternative splicing events	
12:00 12:30	Discussion with G. AST		Orsay CESFO
12:30 13:45	BUFFET LUNCH		
13:45 15:00	Coffee & POSTER SESSION 1		Salle Polyvalente (Orsay)
15:00 16:00	Jorgen KJEMS iNANO, Aarhus University, DK	Chemical enhancement and targeted delivery system for RNA therapeutics.	Amphitheater Nelly Riguet Institut Curie - Orsay
16:00 16:30	Discussion with J. KJEMS		
16:30 16:45	BREAK		
16:45 17:45	Reini LUCO Institut Curie, Orsay, FR	Chromatin can go beyond the DNA: a dynamic role for histone marks in regulating cell type-specific RNA splicing programs relevant for cell identity	
17:45 18:15	Discussion with R. LUCO		

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April 25			
09:00 10:00	Norbert HÜBNER Max-Delbrück Center for Molecular Medicine, Berlin, DE	Evolutionary origins and interactomes of human young 2 microproteins and small peptides translated from short open 3 reading frames	Amphitheater Nelly Riguet Institut Curie - Orsay
10:00 10:30	Discussion with N. HÜBNER		
10:30 11:00	COFFEE BREAK		
11:00 12:00	Pierre CLOSE GIGA-institute, University of Liège, BE	tRNA epitranscriptomics as a new vulnerability in cancer	
12:00 12:30	Discussion with P. CLOSE		
12:30 13:30	LUNCH		Orsay CESFO
13:30 14:30	Alfredo CASTELLO University of Glasgow, UK	Viral RNA is a hub for critical host-virus interactions with therapeutic potential	Amphitheater Nelly Riguet Institut Curie - Orsay
14:30 15:00	Discussion with A. CASTELLO		
15:00 17:00	Coffee & POSTER SESSION 2		Salle Polyvalente (Orsay)
17:00 18:00	Reuven AGAMI NKI, Amsterdam & member of Onco Institute, Utrecht, NL	Sloppiness in mRNA translation and its implication for cancer immunotherapy	Amphitheater Nelly Riguet Institut Curie - Orsay
18:00 18:30	Discussion with R. AGAMI		

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April 26			
09:30 10:30	Hervé LE HIR IBENS, Paris, FR	The complex life of mRNAs through the lens of the Exon Junction Complex	Amphitheater BURG Institut Curie - Paris
10:30 11:00	Discussion with H. LE HIR		
11:00 11:15	COFFEE BREAK		
11:15 12:15	Albertas NAVICKAS Institut Curie, Orsay, FR	An mRNA processing pathway suppresses metastasis by governing translational control from the nucleus	
12:15 12:45	Discussion with A. NAVICKAS		Green Café
12:45 14:00	LUNCH		
14:00 14:45	Visit of the Curie museum		Musée Curie
14:45 15:45	Marcel HOLLENSTEIN Institut Pasteur, Paris, FR	Chemoenzymatic methods for the production of chemically modified RNA	Amphitheater BURG Institut Curie - Paris
15:45 16:15	Discussion with M. HOLLENSTEIN		
16:15 16:30	COFFEE BREAK		
16:30 17:30	Enzo POIRIER Institut Curie, Paris, FR	An isoform of Dicer protects mammalian stem cells against multiple RNA viruses	
17:30 18:00	Discussion with E. POIRIER		

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April 27			
09:30 10:30	Maria DUCA University Côte d'Azur - CNRS, Nice, FR	Targeting Non-coding RNAs with synthetic small molecules fo therapeutic innovation	Amphitheater Nelly Riguet Institut Curie - Orsay
10:30 11:00	Discussion with M. DUCA		
11:00 11:30	COFFEE BREAK		
11:30 12:30	Daniela VERGA Institut Curie, FR	Chemical biology tools for targeting G-quadruplex secondary structures	
12:30 13:00	Discussion with D. VERGA		
13:00 14:15	LUNCH		Orsay CESFO
14:15 15:30	Coffee & POSTER SESSION 3		Salle Polyvalente (Orsay)
15:30 16:30	Hana CAHOVA IOCB, Prague, CZ	Non-canonical RNA caps – from their discovery to their role	Amphitheater Nelly Riguet Institut Curie - Orsay
16:30 17:00	Discussion with A. CAHOVA		
17:00 17:15	BREAK		
17:15 18:15	Marianne FARNEBO Karolinska Institute, Stockholm, SE	Control of protein synthesis through mRNA pseudouridylation	
18:15 18:45	Discussion with M. FARNEBO		

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April 28			
09:30 10:30	Stefan AMERES University of Vienna, Vienna BioCenter, Vienna, AT	Mechanism and biology of RNA silencing	Amphitheater Nelly Riguet Institut Curie - Orsay
10:30 11:00	Discussion with S. AMERES		
11:00 12:15	Coffee & POSTER SESSION 4		
12:15 12:45	Choice of the Best Poster		
12:45 14:30	LUNCH		Salle Polyvalente (Orsay)
14:30 15:30 <i>Online</i>	Samie JAFFREY Cornell University, NY, US	Chemical modifications of RNA and their function in health and disease	Amphitheater Nelly Riguet Institut Curie - Orsay
15:30 16:00	Discussion with S. JAFFREY		
16:00 16:30	POSTER PRIZES, DEBRIEFING, END OF COURSE		