

AN ADVANCED INTERNATIONAL COURSE

Genome Instability and Human Disease

6th edition

May 19 - 23, 2025

Programme



Renoud Chabrier 2018

TOGETHER,
LET'S BEAT CANCER

HaploX

Innovating Research. Advancing Health

SfC

Société Française du Cancer

**institut
Curie**

PSL 

Monday 19 May 2025

9:00 a.m	Welcome Desk
9:15 a.m	Introduction to the course
9:30 a.m	Students' Elevator Pitches
10:30 a.m	Coffee Break & Poster Set-up
11:00 a.m	FRANCESCA MATTIROLI - Hubrecht Institute - DE Mechanism of epigenome inheritance
11:45 a.m	Questions/Discussion Priority to student
12:00 p.m	KARINE DUBRANA - CEA, Fontenay aux roses - FR DNA repair in space and time: The role of chromatin structure and 3D genome folding
12:45 p.m	Questions/Discussion Priority to student
13:00 p.m	Lunch
14:00 p.m	MARC-HENRI STERN - Institut Curie / Inserm U1339 - FR Signatures of Genomic instability and BRCAness
14:45 p.m	Questions/Discussion Priority to student
15:00 p.m	ANDREW JACKSON - The University of Edinburgh - UK From Microcephaly and Inflammation to Cancer and Neurodegeneration via Ribonucleotides
15:45 p.m	Questions/Discussion Priority to student
16:00 p.m	Coffee Break
16:15 p.m	Poster session I

Tuesday 20 May 2025

09:00 a.m	VINCENZO COSTANZO - IFOM Milan - IT Understanding the role of homologous recombination proteins in vertebrate DNA replication	Keynote Speaker
09:45 a.m	Questions/Discussion Priority to student	
10:00 a.m	ANNABEL QUINET - CEA, Fontenay aux roses - FR Mind the gap: DNA damage tolerance in action	
10:45 a.m	Questions/Discussion Priority to student	
11:00 a.m	Coffee break	
11:30 a.m	BENOIT PALANCADE - IJM, Paris - FR DNA:RNA hybrids: sources and byproducts of genome instability	
12:15 p.m	Questions/Discussion Priority to student	
12:30 p.m	Career Development activity with invited guests (names TBA) & LUNCH	
14:30 p.m	BRIAN LUKE - IMB Mainz - DE RNase H2 removes rNMPs and RNA-DNA hybrids to regulate aging and senescence	
15:15 p.m	Questions/Discussion Priority to student	
15:30 p.m	SARAH LAMBERT - SFC Presentation of SFC - Société Française du Cancer	
15:45 p.m	Coffee Break	
16:00 p.m	Poster session II	

Wednesday 21 May 2025

09:00 a.m	OLIVIER SORDET - CRCT, Toulouse - FR Transcription-dependent DNA double-strand breaks and human disease
09:45 a.m	Questions/Discussion Priority to student
10:00 a.m	JOANNA LOIZOU - ICR, London - UK Targetting the DNA damage response in cancer
10:45 a.m	Questions/Discussion Priority to student
11:00 a.m	Coffee break
11:30 a.m	RENATA BASTO - Insitut Curie, Paris, FR Identification of suppressors of polyploid cell proliferation
12:15 a.m	Questions/Discussion Priority to student
12:30 p.m	Lunch
14:30 p.m	NADINE LAGUETTE - IGMM, Montpellier - FR Shaping of innate immune responses through the crosstalk between DNA damage response and DNA sensing pathways
15:15 p.m	Questions/Discussion Priority to student
15:30 p.m	Best prize Elevator Pitch
16:00 p.m	Coffee Break
16:15 p.m	Poster session III

Thursday 22 May 2025

09:00 a.m	DANA BRANZEI - IFOM, Milan- IT Molecular basis for DNA damage tolerance regulation
09:45 a.m	Questions/Discussion Priority to student
10:00 a.m	AURELE PIAZZA - ENS Lyon - FR Role of SMC complexes and Rad51 filament structure in homologous recombination
10:45 a.m	Questions/Discussion Priority to student
11:00 a.m	Coffee break
11:30 a.m	Training Workshop «How to translate your discoveries into innovation» by Rapahel Ceccaldi & Jeremie Weber (Tech Transfer Department)
12:30 p.m	Lunch
14:15 p.m	RAPHAEL GUEROIS - I2BC, Gif sur yvette - FR Exploring DNA Repair Regulation: Perspectives on Predictive Structural Strategies
15:00 p.m	Questions/Discussion Priority to student
15:15 p.m	COFFEE BREAK & Free Time (Suggestion to Visit to the Museum Curie)
17:00 p.m	Poster Session IV (Last poster session to finalize evaluation)

Friday 23 May 2025

9:00 a.m	ISIDRO CORTES-CIRIANO - EMBL -EBI Cambridge - UK Harnessing genome sequencing to elucidate how cancer cells acquire complex karyotypes	
9:45 a.m	Questions/Discussion Priority to student	
10:00 a.m	ZUZANA STORCHOVA - Rhineland-Palatinate Technical University of Kaiserslautern - DE Dynamic genome, dynamic proteome - how changes in chromosome copy numbers affect protein homeostasis	Keynote Speaker
10:45 a.m	Questions/Discussion Priority to student	
11:00 a.m	Coffee break & Students meeting (Students Vote for best prize)	
11:30 a.m	STEPHAN MARCAND - CEA, Fontenay aux roses - FR Telomere end protection through distinct controls of MRX and Ku DNA End Sensing	
12:15 p.m	Questions/Discussion Priority to student	
12:30 p.m	Lunch	
14:00 p.m	JEROME DEJARDIN - IGH, Montpellier - FR Telomere loops and tolerance to linear telomeres in embryonic stem cells	
14:45 p.m	Questions/Discussion Priority to student	
15:30 p.m	Students meeting for best poster prize election (Students Vote for best prize)	
16:00 p.m	CLOSING CEREMONY (Best Poster prize, Course certificate & debriefing)	

Open seminars

Keynote lecture

Green Café

Hall BDD

Annex rooms 3 & 4

Venue

Amphithéâtre Hélène Martel-Massignac

(Building "Bâtiment de la Biologie du Développement")

11-13 rue Pierre & Marie Curie, 75005 Paris

Getting here

Bus: 21, 24, 27, 38, 47, 82, 84, 85 et 89

Métro: Cardinal-Lemoine (ligne 10) &

Place Monge (ligne 7)

RER B: Luxembourg

