



Institut Pasteur

Molecular Cancer Genetics

September 23 – September 27, 2019

Directors

Jean-Pierre VARTANIAN
Institut Pasteur

Sarah WATSON
Institut Curie

PROGRAM 2019 - 2020



Molecular Cancer Genetics
Room 4 & Laboratory ground floor (Building 09, Education center),
Institut Pasteur, Paris - Week 1 - 23 - 27 September 2019

Monday, September 23

9h15-10h00	Course presentation Education Center	Jean-Pierre Vartanian (Institut Pasteur)
10h15-12h00	Endogenous DNA mutator enzymes	Jean-Pierre Vartanian (Institut Pasteur)
14h00-17h00	Practical Work (PW) presentation: Analysis of APOBEC3A induced DNA damages in human cancer	Pierre Khalfi (Institut Pasteur) Vincent Caval (Institut Pasteur) Rodolphe Suspène (Institut Pasteur)

Tuesday, September 24

9h00-10h30	Anticancer immune-virotherapy using measles vaccine	Frédéric Tangy (Institut Pasteur)
11h00-12h30	Genetic predisposition to cancer	Pascal Pineau (Institut Pasteur)
14h00-17h00	PW: Analysis of APOBEC3A induced DNA damages in human cancer	Pierre Khalfi (Institut Pasteur) Vincent Caval (Institut Pasteur) Rodolphe Suspène (Institut Pasteur)

Wednesday, September 25

9h00-10h30	Molecular cancer: pillars and keystones	Jean-Christophe Pagès (CHU Bordeaux)
11h00-12h30	Cancer-causing genes: understanding the functions of oncogenes and tumor suppressor genes	Chloé Journo (ENS, Lyon)
14h00-17h00	PW: Analysis of APOBEC3A induced DNA damages in human cancer	Pierre Khalfi (Institut Pasteur) Vincent Caval (Institut Pasteur) Rodolphe Suspène (Institut Pasteur)

Thursday, September 26

9h30-12h00 **PW:**
**Analysis of APOBEC3A induced
DNA damages in human cancer**

Pierre Khalfi (Institut Pasteur)
Vincent Caval (Institut Pasteur)
Rodolphe Suspène (Institut Pasteur)

14h00-17h00 **Free**

Friday, September 27

9h00-10h30 **Regulation of Cell Cycle progression
and diseases**

Florence Margottin-Goguet
(Institut Cochin)

11h00-12h30 **Mechanisms of genome maintenance
during antigen receptor diversification**

Ludovic Deriano (Institut Pasteur)

14h00-17h00 **PW:**
**Analysis of APOBEC3A induced
DNA damages in human cancer**

Pierre Khalfi (Institut Pasteur)
Vincent Caval (Institut Pasteur)
Rodolphe Suspène (Institut Pasteur)

Molecular Cancer Genetics
Institut Curie, Ecole Normale Supérieure (ENS)
Paris - Week 2 – 30 September - 4 October 2019

Monday, September 30

9h30-10h30	Introduction	Sarah Watson (Institut Curie, DOM, INSERM U830)
10h30-12h00	Initiation to diagnostic procedures in somatic genetics	Gaëlle Pierron (Institut Curie, Génétique)
14h00-15h30	Epigenetics and cancer	Raphaël Margueron (Institut Curie, CNRS UMR3215)
15h30-17h00	Genetics of acute myeloid leukemia	Hugues de Thé (Collège de France/CNRS UMR 7212)

Tuesday, October 1st

9h00-10h30	DNA repair and cancer	Marc-Henri Stern (Institut Curie, INSERM U830)
10h30-12h00	Germline predisposition to cancer: the example of CMMRD syndrome	Christelle Colas (Institut Curie, Génétique)
14h00-17h00	Free: articles to prepare for Journal Club	

Wednesday, October 3

9h00-10h30	Genetics and the metastatic process	François Clément-Bidard (Institut Curie St Cloud, DOM lab. BTC)
10h30-12h00	Steps in biomarkers development	François-Clément Bidard (Institut Curie St Cloud, DOM lab. BTC)
14h00-15h30	Genetics of malignant rhabdoid tumors	Franck Bourdeaut (Institut Curie, DOPAJA, RTOP)
15h30-17h00	Genetics of sarcoma	Sarah Watson (Institut Curie, DOM, INSERM U830)

Thursday, October 3th

9h00-12h00 **Journal Club**

Sarah Watson

(Institut Curie, DOM, INSERM U830)

14h00-17h00 **Free afternoon**

Friday, October 4th

9h00-10h30 **Genetics of uveal melanoma**

Manuel Rodrigues

(Institut Curie, DOM, INSERM U830)

10h30-12h00 **Genetics and ethics**

Guillermo Orsi

(Institut Curie, CNRS UMR3664)

14h00-16h00 **Evaluation**

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