

MODULE M2 – **Genetic predisposition to cancer** – Campus Curie – 21 to 25 November 2022

ORGANISATION: DOMINIQUE STOPPA-LYONNET, LISA GOLMARD

MONDAY 21 NOVEMBER – Room “Chez Marie”

1 – Introduction to the course: Multi-event oncogenesis and cancer predisposition. Marc-Henri-Stern, Institut Curie, INSERM U830 – **10h00-11h30**

2 – Genetic predisposition to retinoblastoma. Jessica Le Gall, Institut Curie, Service de Génétique, Université de Paris – **11h45-13h15**

3 – Genetic predisposition to melanoma and other cancers. Brigitte Bressac-de Paillerets, Institut de Cancérologie Gustave Roussy, Service de Génétique, Villejuif – **14h15-15h45**

4 – Mendelian predispositions and breast cancers. Dominique Stoppa-Lyonnet, Institut Curie, Service de Génétique, INSERM U830, Université de Paris – **16h00-17h30**

TUESDAY 22 NOVEMBER – Burg auditorium

1 – Inherited predispositions to Renal Cell Carcinoma. Sophie Gad, Gustave Roussy, UMR CNRS 9019, groupe « Cancer du Rein » EPHE, Villejuif – **9h30-11h00**

2 – Neuroblastoma oncogenesis, insights into familial and sporadic tumours. Isabelle Janoueix, Institut Curie, INSERM U830 – **11h15-12h45**

3 – Genetic predisposition to paraganglioma and pheochromocytoma. Nelly Burnichon, HEGP, Service de Génétique, INSERM U970 – **13h45-15h15**

4 – Alteration of DNA repair systems and colorectal cancer. Bruno Buecher, Institut Curie, Service de Génétique – **15h30-17h00**

WEDNESDAY 23 NOVEMBER – Room “Chez Marie”

1 – CMMRD syndrome. Chrystelle Colas, Institut Curie, Service de Génétique – **11h15-12h45**

2 – DICER1 syndrome. Lisa Golmard, Institut Curie, Service de Génétique – **13h45-15h15**

3 – RAS/MAPK syndromes from Noonan syndrome to leukemia. Hélène Cavé, Hôpital Robert Debré, Département de Génétique, INSERM UMR_S1131, Institut de Recherche Saint-Louis – **15h30-17h00**

THURSDAY 24 NOVEMBER – online, Microsoft Teams

Thursday morning: free to prepare the talks.

+ **Recorded lesson:** Genomic imprinting, tumor and predisposition syndromes. Frédéric Brioude, Hôpital Trousseau, Laboratoire explorations fonctionnelles endocriniennes

1 – From Li-Fraumeni syndrome to TP53-related cancers. Edwige Kasper, CHU Rouen, Service de Génétique, INSERM U1245, IRIB Faculté de Médecine et de Pharmacie – **14h45-16h15**

2 – **Seminar:** « Personalizing cancer risk prediction for prevention and early detection », Antonis Antoniou, Centre for Cancer Genetic Epidemiology, Department of Public Health and Primary Care, University of Cambridge, U.K. – **16h30-18h**

FRIDAY 25 NOVEMBER – Marie Curie auditorium

Exam: oral presentation of a paper. **10h-12h30 & 13h30-16h**