

Genetic predisposition to cancer

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Effectives: 20

Language: English

Prerequisites: notions about gene alterations

Where?

Institut Curie, Paris

When?

November 21 - 25

Evaluation:

Oral article presentation

Questions:

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Number ECTS: 3

Total number of hours:

30

Teaching format:

Conferences

Teaching objectives

Understanding clinical & biological aspects of cancer genetic predisposition

Teaching outline

- **Class: Monday to Thursday morning**

. General concepts (cellular pathways, genomic imprinting in tumors, cancer genetic epidemiology)

. Conferences on cancer predisposition syndromes: breast & ovarian cancers, colorectal cancers, renal cell carcinoma, paraganglioma/pheochromocytoma, *TP53* & Li-Fraumeni syndrome, melanoma, retinoblastoma, neuroblastoma, *DICER1* syndrome, RAS/MAPK syndromes & leukemia

- **Preparation for the talks: Thursday afternoon**

- **Oral exam (article presentations): Friday**