

Cellular Biology of Cancer

Valérie Lallemand-Breitenbach, Marie-Claude Geoffroy & Hugues de Thé

Place: Institute of research Saint Louis - Saint Louis hospital – **16 rue de la grange aux belles 75010 PARIS**

Location: Building Jean Bernard-Inserm (first building on the left) – ground floor

Monday, November 25th

Introduction

-9h30-10h00: Welcome and introduction: organization of the week. *Valérie Lallemand-Breitenbach (Collège de France) & Marie Claude Geoffroy (Saint Louis, Paris)*

Signal transduction

-10h00-11h30: Signal transmission and gene transcription. *Jacques Ghysdael (Institut Curie, Orsay)*

Apoptosis and senescence

-12h-13h30: Cellular mechanism of senescence. Part I. *Eric Gilson (Université Sophia-Antipolis)*

pause

Apoptosis and senescence

14h30-16h00: Cellular mechanism of senescence. Part II. *Julien Cherfils-Vicini (Université Sophia-Antipolis)*

Tuesday, November 26th

Computational biology

-10h00-11h30: In silico functional analysis (expression data). *Aurélien de Reyniès (Ligue Nationale Contre le Cancer)*

Cell differentiation

-11h30-13h00: Breast: cell of origin, plasticity & cancer. *Silvia FRE (Institut Curie)*

pause

-14h00- 15h30: Haematopoietic differentiation. *William Vainchenker (Institut Gustave Roussy)*

Wednesday, November 27th

Cell differentiation

-9h30-11h00: Differentiation alterations in hematologic malignancies. *Thomas Mercher (Institut Gustave Roussy)*

Cellular and animal models

11h-12h30: Identification of targeted therapeutic agents, dissection of cancer mechanism. *Hugues de Thé (Collège de France & Institut Universitaire d'Hématologie Hôpital Saint Louis)*

pause

Metabolism and cancer:

-13h30-15h00: Metabolism. *Alice Carrier (Institut Paoli Calmette Marseille)*

Cellular Metastases and angiogenesis

-15h15h-16h45: Tumour angiogenesis and metastasis. *Stéphane Germain (Collège de France, Paris)*

Apoptosis and senescence

-17h00-18h30: Cellular mechanism of apoptosis and deregulation in cancer. *Eric Solary (Institut Gustave Roussy, Villejuif)*

Thursday, November 28th

Location: Salle du conseil - Centre Hayem – secteur bleu door 7 - 1rst floor

Bibliography session

9h00-13h00

Friday, November 29th

Location: Building Jean Bernard-Inserm – ground floor



EXAM: Paper analysis + questions