

Workshop on autophagy and bioethics Toulouse, 21-22 2019

PROGRAM

Thursday 21st (morning) : Autophagy « Conference part » , *Organized by S. Giuriato*

8.45 - 9 am (15min) : Arrival and Welcome

9 - 10.30 am (1h30) : General introduction on « Autophagy and Cancers » _ *Sylvie Giuriato*

10.30 - 10.45 Coffee break

10.45 - 11.30 (45min) : « Amnis or Flow Cytometry with vision : How it works, Autophagy and other applications in cancer research” _ *Livine Duban (MERCK)*

11.30 - 12.15 (45min) : Examples of research work on autophagy from local CRCT teams.

-11.30 - 11.45 am (15min) : "Autophagy, a new potential therapeutic target in JAK2V617F Myeloproliferative Neoplasms" _ **Charly Courdy**

-11.45 - 12 am (15min) : “Targeting Autophagy in ALK-associated cancers” _ **Domenico Sorrentino**

-12 - 12.15 pm (15min) : “Blockade of crizotinib-induced BCL2 elevation in ALK-positive anaplastic large cell lymphoma triggers autophagy associated with cell death” _ **Estelle Espinos**

12.15 - 1.30pm : Lunch break (Cafeteria IUCT)

Thursday 21st (afternoon): Autophagy « Practical part »

Division in 3 groups of 5 students

1.30 - 5.30 pm : Measures of the autophagy flux by three different techniques

- GFP-LC3 dots quantification by **Immunofluorescence** : **Laetitia Ligat/ Carine Joffre (1h20)**

- RFP-GFP-LC3 tandem probe use in **Flow Cytometry**: **Manon Farcé / Sylvie Giuriato (1h20)**

- GFP-LC3 dots quantification by **Image Flow Cytometry** : **Valérie Duplan-Eche /Marie-Laure Renoud (1h20)**

7.30 pm : Dinner at « L'écume Gourmande », 5 Av. Irène Joliot-Curie 31100 Toulouse France

Friday 22nd (morning) : Autophagy « Conference part »

9.30 – 10.15 am : Examples of research work on autophagy from local CRCT teams.

-9.30 - 9.45 am (15min): Oncogenic proteins that support autophagy in acute myloid leukemia _
Carine Joffre

-9.45 – 10.15 am (30min): « Induction of lethal autophagy in cancers by dendrogenin A: a new perspective for cancer treatment » _ **Marc Poirot**

10.15-10.30 am: Round table.

10.30-10.45 Coffee break

11-12am : **Conference « Vendredi de l'oncopôle » (IUCT auditorium). Invited speaker : Guillaume Robert (C3M, Nice)**

« **LAMP2 expression dictates Azacytidine response and prognosis in MDS/AML »**

12.15 - 1.30pm : Lunch break (Cafeteria IUCT)

Friday 22nd (afternoon): « Introduction on Bioethics » , *organized by F. Meggetto.*

1.30 - 2.30 pm : "What is a bioethics question and what kind of answers are to be expected? " _
Anne Cambon-Thomsen

2.30 - 3.30 pm : "Law and innovation in medicine: what are the expectations? " _ **Emmanuelle Rial-Sebbag**

3.30 - 3.50 Coffee break

3.50 - 4.30 pm : "Beyond the pill : gene editing and ethical concerns" _ **Pierre Cordelier**

4.30 - 5 pm : Round table