



CARLA FARIA

LAB EXPERIENCE

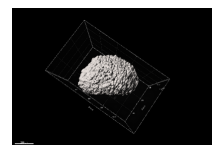
March 2019 - Present : Identification of the adenosine pathway as a novel therapeutic target in non-Hodgkin's lymphoma (PhD)

Team 09 CRCT, Dr C.Laurent, Toulouse, France. Supervisors: Dr C.Bezombes (CRCT, Toulouse, France) and P.Pérez Galàn (IDIBAPS, Barcelone, Spain)

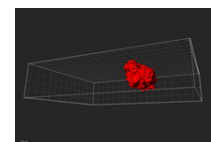
• **Experimental skills:**

- Patient sample processing (blood and lymph nodes)
- B-NHL cell line culture in 2D and 3D
- Primary culture of effector cells ($\gamma\delta$ T cells and NK cells) in co-culture with 3D model
- Flow cytometry panel design
- Drug screening (anti-CD20, anti-PD1, chemotherapies)
- 3D model processing: fixation, clearing, staining for immunofluorescence microscopy (confocal microscope and light sheet microscope), automatized imaging devices (Incucyte, Operetta)
- Softwares: Cytobank, Diva, Imaris, Zen, R, Harmony, ImageJ

MALC
Multiaggregate
of lymphoma cells



PDLS
Patient Derived
Lymphoma Spheroid



June-August 2017 & January-June 2018 : Establishment of a 3D model from patient sample and cell line in follicular lymphoma (Master 1 & Master 2 internship)

Team 09 CRCT, Dr J-J. Fournié, Toulouse, France
Supervisor: Dr C.Bezombes (CRCT, Toulouse, France)

- **Experimental skills:** 3D culture, microscopy, flow cytometry, drug screening

June-July 2016: Relation between B lymphoma and HIV virus (3rd year bachelor intership)

Institut Gustave Roussy, Villejuif, France
Supervisor: Pr. Yegor Vasetzky

- **Experimental skills:** B cell purification, RNA extraction, qPCR, immunofluorescence

2016 : IGEM member - Synthetic biology competition organized by the MIT (Massachusetts Institute of Technology)

Paris-Saclay university

EDUCATION

2019 - present : PhD immuno-oncology
BSB doctoral school - Toulouse III Paul Sabatier university

2017 - 2018: Master 2 Oncology + Magistere of biology
Paris-Saclay university

2016 - 2017: Master 1 Biology and health + Magistere of biology
Paris-Saclay university

2015 - 2016: Bachelor in Biology and Health + Magistere of biology
Paris-Saclay university

CONTACT ME

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COMMUNICATION SKILLS

- Collaboration, Team work
- Poster & talks
- Management of students
- Workshop organization
- Grant writing

LANGUAGES

- English
- French
- Portuguese
- Spanish

PUBLICATION

DOI: 10.3390/cancers13071490
3D Model Characterization by 2D and 3D Imaging in t(14;18)-Positive B-NHL: Perspectives for In Vitro Drug Screens in Follicular Lymphoma, Cancers, 2021

REFERENTS

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L.Ysebaert: loic.ysebaert@inserm.fr
P.Pérez-Galàn: pperez@clinic.cat

INTERESTS

Hiking, Climbing, Snowboarding

Running, tennis

Painting, drawing