



# Ariana Abawi

Villeurbanne, France

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## WORK HISTORY

Oct. 2021 – Oct. 2024 **PhD STUDENT (French Ministry of Higher Education, Research and Innovation financial supports)**

Lyon, France

*French national center of scientific research (ICBMS)*

Thesis supervisors: Pr Agnès Girard-Egrot and Dr Ofelia Maniti

Research Project: Vector-tumor cell membrane interactions for optimized delivery of medication



Abawi A, Thomann C, Giovanna L, Granjon T, Petiot E, Bérot A, Oger C, Bultel-Poncé V, Guy A, Galano J-M, Durand T, Girard-Egrot A, Maniti O. **Carrier-tumor cell membrane interactions for optimized delivery of a promising drug, 4(RS)-4-F4t-Neuroprostane** (currently being submitted)

### COMPLEMENTARY TEACHING ACTIVITY

*Claude Bernard Lyon 1 University*

Practical work in laboratory and tutorial for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year Bachelor of Science Students

Teaching unit of personal and professional project for 2<sup>nd</sup> year Bachelor of Science Students



### INTERNSHIP SUPERVISION

*French national center of scientific research (ICBMS)*

5 Students with 7 weeks of internship

Supervision of their handling in the laboratory

Setting up an internship topic

Correction of their oral presentation and internship report



Jan. 2021 – Jun. 2021

Lyon, France

### RESEARCH INTERNSHIP

*French national center of scientific research (ICBMS, GEMBAS Team)*

Supervisors: Dr Ofelia Maniti

Research Project: Targeting of tumors with tailor-made liposomes

Abawi A, Wang X, Bompard J, Bérot A, Andretto V, Gudimard L, Devillard C, Petiot E, Joseph B, Lollo G, Granjon T, Girard-Egrot A, Maniti O. **Monomethyl Auristatin E Grafted-Liposomes to Target Prostate Tumor Cell Lines.** *International Journal of Molecular Sciences*. 2021; 22(8):4103. doi: 10.3390/ijms22084103

Apr. 2019 – May. 2019 **RESEARCH INTERNSHIP**

Lyon, France

*French national center of scientific research (ICBMS, GEMBAS Team)*

Supervisors : Dr Julien Bompard and Dr Ofelia Maniti

Research Project: Preparation and characterization of liposomes for tumor cell targeting



## EDUCATION

2021 - 2024

**PhD STUDENT**

*Claude Bernard University Lyon 1, France*

2019 - 2021

**MASTER OF BIOCHEMISTRY-MOLECULAR BIOLOGY, Rank: 4/30**

*Claude Bernard University Lyon 1, France*

2016 - 2019

**DIPLOMA OF HIGHER EDUCATION IN LIFE SCIENCES BIOCHEMISTRY PATHWAY**

*Claude Bernard University Lyon 1, France*

2014 - 2019

**A LEVEL, Life Sciences Major, Graduated with honours**

*Private High School Institution Robin – Saint-Vincent de Paul, Vienne, France*

## SKILLS

### Laboratory Techniques

- Cell culture
- Liposome preparation and characterization
- Fluorescence microscopy
- Confocal microscopy
- 3D cell printing

### Software

- Microsoft office
- ImageJ
- ZEN microscopy

### Languages

- French (mother tongue)
- English (C1)
- Perse (bilingual)

## CONFERENCES

- Jul. 2023 15<sup>th</sup> International Society for the Study of Fatty Acids and Lipids, Nantes, France (Poster)
- 3d Fab days, Lyon, France (oral communication)
- ICBMS days, Lyon, France (Oral communication)
- Apr. 2023 Cancer Research Forum (CLARA), Lyon, France (Poster)
- Nov. 2022 18<sup>th</sup> International lipidomics meeting (GERLI), Saint-Jean-Cap-Ferrat, France (Oral communication)
- Jul. 2022 22<sup>nd</sup> Scientific day of Institution Multidisciplinaire de Biochimie des Lipides (IMBL), Avignon, France (Oral communication)
- Jun. 2022 8th European Workshop on Lipid Mediators, Karolinska Institute – Stockholm (Poster)