



# Charlène D'ANCONA

Looking for a job  
M2 degree health engineering

I have been passionate about the areas of health, science and scientific research for several years and I decided to integrate a bachelor's degree in Sciences for Health, Bioengineering and Medicine (BIM) at the Faculty of Medicine of Nancy. I had the opportunity to do various practical work that allowed me to become familiar with several laboratory techniques: DNA extraction, protein electrophoresis by SDS-PAGE, RT-PCR or Western Blot. I also followed the Master in Health Engineering :Therapeutic Innovation and Diagnostics (ITD) to allow me to refine my project.

Freshly graduated, today, I want to put my professional life at the service of research,.

## Contact

### Phone

////////////////////

### Email

charlene.dancona@laposte.net  
charlene.d-ancona2@etu.univ-lorraine.fr

### Address

////////////////////////////////////

## Education

2022-2023

**M2 HEALTH ENGINEERING, THERAPEUTIC INNOVATIONS AND DIAGNOSTIC**

FACULTY OF PHARMACY UNIVERSITY OF LORRAINE

2021-2022

**M1 HEALTH ENGINEERING, THERAPEUTIC INNOVATIONS AND DIAGNOSTIC**

FACULTY OF PHARMACY UNIVERSITY OF LORRAINE

2019-2021

**2nd AND 3th YEAR OF BACHELOR'S DEGREE IN HEALTH SCIENCES**

FACULTY OF PHARMACY UNIVERSITY OF LORRAINE

2018-2019

**1ST YEAR OF BACHELOR'S DEGREE IN LIFE SCIENCE**

FACULTY OF SCIENCE AND TECHNOLOGY UNIVERSITY OF LORRAINE

2017-2018

**PACES**

FACULTY OF MEDICINE UNIVERSITY OF BOURGOGNE

2016-2017

**SCIENTIFIC BACCALAUREATE (SVT-mention well)**

MARIE DE CHAMPAGNE HIGH SCHOOL, TROYES

## Language

English

French

## Experience

### 6 months internship (2022-2023)

Laboratoire de bioimagerie et pathologie (UMR 7021) Faculté de Pharmacie Strasbourg

#### Intern researcher (fundamental research)

*Studies on how to optimize the traffic of cell-surface receptor specific aptamers-siRNA conjugates using well-characterized internalized receptors, over-expressed at the cell surface of tumor cells (glioblastoma)*

Cell imaging: confocal microscopy, high-resolution microscopy

Cell assays: migration, survival/death

RTqPCR , western blot , gene silencing (siRNA) , immunolabeling

Characterization of molecular interactions: Ligand Tracer

### 2 months internship (2021-2022)

Institut Jean Lamour (IJL), Nancy

#### Intern researcher (fundamental research) Team 403 Nanomateriaux

*Evaluation of the anticancerous potential of endemique plants(PHC RILA EPAMET)*

The main objective was to evaluate the anticancer potential of Eastern European herbal extracts by toxicogenomics. Six Bulgarian plants were studied: Tanacetum balsamita , Tanacetum macrophyllum , Cicerbita alpina , Telekia speciosa , Echinops ritro and Cirsium appendiculatum. WST-1 cytotoxicity tests were conducted to assess the cytotoxicity of dry extracts and associated with the Trypan Blue cell mortality test. Biological pathways involved in cell toxicity and death were investigated (qRT-PCR) on extracted RNAs.

### 2 months internship (2020-2021)

Laboratoire de biologie médicale et biopathologie (BBB) , CHRU Nancy

#### Intern researcher (clinical research)

*Description of a cohort of patients with binule lymphocyte polyclonal lymphocytosis:* update of medical files, analysis of a cohort of included patients, statistical operating of data, writing of a publication with doctor Jean-François Lesesve, realisation of a poster

### 2021-2023 : Student job

LECLERC : cashier's hostess

### 2017-2020 : Student job

MC DONALD'S : multi purpose teammate

## Skills and software

**Use of microscopes and laboratory equipment (confocale SPE, IQ800, ...)**

**Laboratory techniques:** PCR, ELISA, extractions (DNA, RNA, Proteins),western blot, WST-1, Quantifications, cellular culture, Ligand Tracer, Immunolabeling , Confocal microscopy, gene silencing -siRNA

**Knowledge :** bacteriology, health biology, virology, pharmacology, immunology , bioengineering and pharmaceuticals, metabolism , cellular signaling , genetics, cell therapy and engineering , Diagnostic and therapeutic tools in bioengineering , Nanotechnologies and Vectorization in Health, Translational and Clinical Research in Cancerology, Physiopathological Research, Translational Therapeutics, biomolecular sciences

**Software :** PUBMED,ZOTERO, PACK OFFICE, EXCEL, CREATION OF SCIENTIFIC POSTERS, NEO FORMATION, GENOME BROWSER, Input3, ImageJ, GraphPad Prism