Francesca Carreras

BIOLOGIST

Ai fini della pubblicazione in ottemperanza all'Art. 15 del D.LGS. 33/2013

SKILLS

Flexibility
Proven ability to learn and develop skills fast
Analysis, critical thinking
Problem- solving ability
Work under pressure
Quick learner
Strong interest in research
Proactivity and aptitude for teamwork
Excellent relational skills

EXPERIENCE

Knowledge of the main techniques of biochemistry cellular and molecular biology
Cell cultures (2D and 3D)
Confident with three- dimensional models
Ability to reprocess data even in a critical way
Strong interest in Research
Preparing scientific articles

IT SKILLS

Excel
Prism
Microsoft Office
Pymol

LANGUAGES

Italian (native)
English (B2)
French

WORK EXPERIENCE

INTERN

Jul 2022 - March 2023
Milan, Italy

UNIVERSITÀ DEGLI STUDI DI MILANO BICOCCA-
Laboratory of cellular biochemistry and systems biology

- Manipulation of *in vitro* tumor cell cultures
- Production of threedimensional cancer models (homotypic spheroid)
- Flow cytometry
- Growth kinetics on 2D and 3D cancer models
- Cellular response to drug treatments on 2D and 3D cancer models
- Metabolic assay (Seahorse technology)
- Statistical analyses

INTERN

March 2022 - Jul 2022
Milan, Italy

IRCCS - OSPEDALE SAN RAFFAELE - Laboratorio di espressione genica e distrofia muscolare cellulare

- Manipulation of *in vitro* cell cultures
- DNA extraction
- RNA extraction
- cDNA synthesis
- Real-time PCR
- Western blotting

INTERN

June 2020 - Septemeber 2020
Parma, Italy

Università degli Studi di Parma
Laboratory of cellular fisiology

- Quantitative test on ovarian cells
- Reading and understanding scientific articles

EDUCATION

Master's Degree in Biology

October 2020 -March 2023
Milan, Italy

Università degli Studi di Milano-Bicocca

Thesis Project: "Morphological-functional characterization of breast cancer models: comparison between 2D and 3D cultures"
Final graduation grade: 110/110 cum laude

BA in Biological Science

October 2017 -September 2020
Parma, Italy

Università degli Studi di Parma

Thesis Project: "Evaluation of the effect of nanoplastics on the function of porcine ovary cells"
Final graduation grade: 106/110

Classical Diploma

2012 - 2017
Parma, Italy

Liceo Classico Gian Domenico Romagnosi

Data 3/4/2023