

JOBS

INTERNSHIP

Institut d'Investigació Biomèdica de Bellvitge (IDIBELL), Barcelona (Spain) Feb 2022 - Now

Part of the cardiac bioengineering program for regeneration purposes of the department, specifically in the 3D bioprinting group. My project focuses on improving the viability of the cardiomyocytes derived from hiPSCs in 3D constructs in vitro during time.

INTERNSHIP

CSS Mendel Institute, Rome (Italy) Oct 2020 - Dec 2021

During this period of work growth, I joined the reprogramming group of Jessica

Rosati. Besides reprogramming and stabilize several hiPSC lines derived from different patients, I characterized on the molecular level an inheritant Parkinson's disease mutation.

INTERNSHIP

University of Milan, Milan (Italy) Mar 2019 - Jun 2019

I joined the ecotoxicology group in which we studied a shift of the maturation of the gonads of sea urchins in Mar Tirreno caused by sea pollution. These experiences allowed me to become familiar with the laboratory environment.

GAIA GALLUZZI

Molecular Biologist

INTRO

Molecular biologist with a particular interest for the stem cells field and neurodegenerative diseases. Passionate about cinema and music. Trying to discover new things and seek new stimuli, main reason for which I decided to work in science.

SKILLS

- Cell Culture
- Cell Reprogramming
- 3D Bioprinting
- Molecular Techniques (RT-PCR, Western Blot, Electrophoresis, Nucleic Acid Extraction, Nucleofection) hIPSCs differentiation
- Immunofluorescence
- Microscopy (Optical, Fluorescent, Confocal)
- Software (Microsoft Office, IMARIS, GraphPad, FIJI)

SOFT SKILLS

- Proactivity
- Adaptability
- Communication skills
- Team building
- Schedule managing

LANGUAGES

Italian: Native

English: Professional

Spanish: Conversational

EDUCATION

UNIVERSITY OF ROME "LA SAPIENZA", ITALY

Master's Degree in Genetics and Molecular Biology, Sep 2019 - Dec 2021

University of Rome "La Sapienza" offers interesting courses regarding stem cells so I decided to move to Rome for my specialization. Final mark:

UNIVERSITY OF MILAN , ITALY

Bachelor's Degree in Biology Sciences, Sep 2016 - Sep 2019

During my bachelor degree I explored many biology fields, from botanic to human physiology and pathology, developing a particular interest for m
stem cells.

Final mark: 104/110

LICEO SCIENTIFICO STATALE EVANGELISTA TORRICELLI, MILAN, ITALY

In high school I developed a genuine interest for the biology field because it helped me to satisfy my curiosity for nature.

REFERENCES

Dr. Alessandro Rosa , professor of Stem Cell Molecular Biology at "La Sapienza"

University of Rome

Dr. Jessica Rosati P.I of the Reprogramming Group at CSS Mendel Institute in Rome

Dr Angel Raya, Coordinator of the Program for advancing the Clinical Translation of Regenerative Medicine of Catalonia, P-CMR[C] at L'Institut d'Investigació Biomèdica de Bellvitge (IDIBELL)