

Sara D'Angelo

Ph.D. Student

HOW TO REACH ME:

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About Me

I am a PhD student Cell and Developmental Biology. My project is focused on studying cellular aging and understanding how genes stimulate this process.



Education

Master's degree in Molecular Biology - LM/06

with 110/110 cum laude at Polytechnic University of Marche (UNIVPM) Ancona

| October 2017 - 17th March 2020

Thesis : STATE OF THE ART related to heterologous production of CXCL12: a gene for seven isoforms

Bachelor's degree in Biological Science - L/13

with 94/110 at Polytechnic University of Marche (UNIVPM) Ancona

| September 2013 - 25th October. 2017

Thesis : Tissue Engineering of blood vessels

Experience

PhD in Cell and Developmental Biology

"Characterization of the aging-associated astrocyte changes and assessment of their effects on the regulation of adult neural stem cells properties"

Sapienza University
From February - 2021 to ongoing

neuronal stem cell cultures
immunostaining
.... to be continued!

Internship at the New York Marche Structural Biology Center (NYMaSBiC) for the thesis project

Università Politecnica delle Marche (UNIVPM)
02/2019 to 03/2020

Skills covered

- Cloning
- Cell cultures (E.coli)
- Recombinant proteins production using prokaryotic system
- Protein purification
- Chromatography (IMAC - FPLC)
- Electrophoresis
- Bioinformatic analysis

Internship - Cytogenetics laboratory

Presso l'Ospedali Riuniti "Umberto I - G.M. Lancisi - G. Salesi", Ancona
11/2018 to 12/2018

Skills covered

- Fish (in situ fluorescent Hybridization)
 - Chromosomal banding
 - Reconstruction and analysis of the karyotype
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Internship at Laboratorio Analisi AB (ANCONA)

8/2016 - 120h

clinical analysis for diagnostic :

- microbiological
- molecular
- chemical and physical blood analysis

Additional information

Admitted to the profession of Biologist, Section A (State examination of professional habilitation)

Università Politecnica delle Marche
November - 2020

Elaboration of rapid nasal swabs for the detection of Sars-CoV2 Population Screening

December - 2020

Training courses in Chinese language and culture at C.S.A.L. (UNIVPM, Ancona)

February - 2019

I authorize the processing of personal data, in accordance with the provisions of Law 196/03

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