

SARA D'ANGELO

PHD STUDENT AT UNIVERSITY OF SAPIENZA

PhD student in Cellular and Development Biology.

My work mainly focuses on the study of how astrocyte properties change during aging and how these affect the properties of neural stem cells.

Specifically, I work with astrocyte-like cells derived from human and mouse neural stem cells. The experience has allowed me to acquire different skills ranging from cell culture, transcriptomic analysis to functional tests in vitro.

EXPERIENCES

PhD Meeting in NEUROSCIENCE

Brescia | June 11th, 2022

▶ Poster session

67° Congress - Società Italiana di Biologia dello Sviluppo e della Cellula (GEI-SIBSC)

Gargnano | June from 5th to 7th 2022

▶ ORAL COMMUNICATION: EFFECTS OF THE HOMEBOX GENE DBX2 ON ASTROCYTE FUNCTION AND ON THEIR CROSS TALK WITH NEURAL STEM CELLS

▶ Abstract:

S.D'Angelo - European journal of histochemistry a journal of functional cytology

Winter school

Rome | December from 13th to 17th 2021

▶ Stem Cells and Molecular Medicine

EDUCATION

University of Sapienza

PhD Student | February 2021 - Ongoing

» XXXVI Cycle in Cellular and Development Biology

University of Macerata

February 2021

» University Formative Credits for teaching (24 CFU)

University of Politecnica delle Marche

Master Degree in Molecular Biology - LM6 | 17th of March 2020

» State of the art related to heterologous production of CXCL12: a gene for seven isoforms - 110 cum cum laude

University of Politecnica delle Marche

Bachelor Degree in Biology - L13 | 25th of October 2017

» Tissue Engineering of blood vessels - 94/110

University of Politecnica delle Marche

» In November 2020, I obtain the qualification to the profession of Biology

02/08/2022

F.to SARA D'ANGELO

CONTACT INFORMATION

📍 Dipartimento di Biologia e Biotecnologie "C.Darwin", Fisiologia Generale. Roma (RM)

WORKSKILLS

●●●● NSCs CULTURE

●●●● NSCs DIFFERENTIATION

●●●● IMMUNOFLUORESCENCE

●●●● MOLECULAR BIOLOGY

TRAININGS AND WORK EXPERIENCE

» December - 2020 : Elaboration of rapid nasal swabs for the detection of Sars-CoV2

» Internship at NY-MaSBiC (New York-Marche Structural Biology Center) for master's thesis.

- from February 2019 to March 2020.

Experience has allowed me to acquire and learn the main methods of production and purification on recombinant proteins in prokaryotic systems.

Acquired skills: techniques of cloning, transformation, expression and chromatography.

LANGUAGES

📌 ITALIAN

📌 ENGLISCH

» Training courses in Chinese language and culture at C.S.A.L. (UNIVPM, Ancona) February - 2019