

CURRICULUM VITAE

PERSONAL DATA

Name and surname: Angelica Mancusi

Citizenship: Italian

E-mail address: angelica.mancusi@uniroma1.it

EDUCATION

- (Oct. 2022) Training and updating course for the protection of laboratory animals in scientific research, at "University LA CATTOLICA SACRO CUORE";
- (Nov. 2020) License to practice the profession of Biologist;
- (Nov. 2019 – Present) PhD course in Molecular Medicine at "Sapienza" University of Rome within the Department of Molecular Medicine;
- (Oct. 2017 – Oct. 2019) Master of study, curriculum in Genetics and Molecular Biology, at "Sapienza" University of Rome; final mark: 110/110 cum laude;
- (Oct. 2014 – Sep. 2017) Bachelor studies in Biology at "UNISA" University of Salerno; final mark: 102/110.

RESEARCH EXPERIENCE

- (July 2018 – Oct. 2019) Master thesis within the Department of Molecular Medicine – Title of the thesis: Study of the Pin1-GSK3 β -Notch3 axis in the progression of Ovarian cancer;
- (Oct. 2014 – Sep. 2017) Bachelor thesis – Title of the thesis: Role of protein Nesprin-3 into the nuclear migration.

TECHNICAL SKILLS AND COMPETENCES

Techniques of cellular and molecular biology: Cell culture, proliferation assay, cell cycle assay, in vitro treatments, RNA interference, transient transfection by electroporation or liposome transfection, lentiviral and retroviral transduction, immunoprecipitation, western blot, PCR, RT-PCR/qRT-PCR, immunofluorescence assay.

Languages: Italian (Mother tongue), English (Fluent – B2 level) and French (A2).

AWARDS AND GRANTS

- Oct. 2022) Bando Ricerca 2022, Avvio alla ricerca di Tipo 2 "Unveiling a small piece of the complex interplay of Notch3 interactors in Ovarian Cancer". Role INVESTIGATOR.
- (June 2021) Winner of the award "Borsa per l'attività di tutoraggio 2020/2021" for PhD students - grant provided by Fondazione Roma Sapienza.
- (Oct. 2019) Winner of the award "Borsa di studio 2018/2019" for deserving students - grant provided by Fondazione Roma Sapienza.

PUBLICATIONS

- (Aug. 2021) Giuli MV, Mancusi A et al., Notch signaling in female cancers: a multifaceted node to overcome drug resistance. *Cancer Drug Resist* 2021;4:805-836. <http://dx.doi.org/10.20517/cdr.2021.53>
- (Dec 2021) Giulimondi F, Vulpis E, Digiaco L, Giuli MV, Mancusi A et al., Oponin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties In Vivo. *ACS Nano*. 16(2):2088-2100. 2022 Feb22. doi: 10.1021/acsnano.1c07687. Epub 2022 Jan 18. PMID: 35040637; PMCID: PMC8867903.

CONGRESSES:

- (Sep 2022) e-Poster Post Translational Modifications of Notch3 as a modus operandi to regulate its protein activity and stability (Ancona, italia)
- (June 2022) e-Poster Decoding Post-Translational Modifications of Notch3 regulating protein activity and stability. (Siviglia, italia)
- (March 2022) e-Poster and Flash presentation Deciphering Post Translational Modifications of Notch3 regulating protein activity and stability (Salerno; italia)
- (Dec 2021) e-Poster Decoding Post-Translational Modifications of Notch3 involved in protein activity and stability. SIPMet - Young Scientist Meeting [Perugia, italia]

FIRMA E DATA

9/01/23

ANGELICA MANCUSI

