



Personal details

Date and place of birth: 24th July 1996, Rome (Italy)

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WORK ADDRESS

Regina Elena National Cancer Institute, Via Elio Chianesi, 53, 00144 Roma RM

SUPERVISOR:

Dr. Maria Giulia Rizzo, Dr. Giuseppe Giannini

PREVIOUS RESEARCH EXPERIENCE

- March 2023-*today* **Fellow researcher**
Sapienza University of Rome, Italy
PhD fellow in Molecular Medicine (at Regina Elena National Cancer Institute, Translational Oncology Research Unit)

 - September 2022- February 2023 **Fellow researcher**
Regina Elena National Cancer Institute, Rome, Italy
Translational Oncology Research Unit
Supervisor: Dr. Maria Giulia Rizzo
Research field: identification of circulating microRNAs as biomarkers in diffuse large B cell lymphoma (DLBCL)

 - March 2022- August 2022 **Voluntary Attendance**
at Regina Elena National Cancer Institute, Rome, Italy

 - January 2021- March 2022 **Master Thesis Intern**
at Regina Elena National Cancer Institute, Rome, Italy

Study of circulating and tissue microRNAs as biomarkers in gliomas and diffuse large B-cell lymphoma (DLBCL)

 - December 2019- March 2020 **Master Thesis Intern**
at Pfizer-University of Granada-Junta de Andalucía
Centre for Genomics and Oncological Research (GENYO), Granada, Spain

Study of exosomal microRNAs derivated from patients with hepatocarcinoma
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CAREER:

- 2022-*nowadays* PhD School of Molecular Medicine
Sapienza University of Rome, Italy
Research field: miRNAs as biomarkers involved in treatment response in Diffuse Large B-cell Lymphoma (DLBCL)
 - 2020-2022 Master's Degree in Biology for Molecular, Cellular and Physiopathological Research
University of RomaTre, Italy
110/110 cum laude
 - 2019-2020 Master's Degree in Genetics and Evolution
University of Granada, Spain
9,4/10
 - 2015-2019 Bachelor's Degree in Biological Sciences
University of RomaTre, Italy
103/110
 - 2010-2015 Leaving certificate in Languages
High School "G.Peano", Rome, Italy
100/100
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SKILLS:

Cellular biology techniques

Blood processing, lymphocytes separation from blood, cell culture (human cell lines), cell proliferation and cytotoxicity assays, transfection, *in vitro* standard functional assays (Trypan blue, MTT assays).

Molecular biology techniques

Serum/tissue DNA/RNA extraction, Real-Time and digital PCR, RNA extraction from cell culture, retrotranscription, exosomes extraction from serum and cell lines. Expression profile analysis of microRNAs through RT-PCR/SYBR Green qPCR.

Microbiology techniques

Bacterial transformation, plasmid DNA extraction.

Biochemistry techniques

Protein purification.



IT SKILLS:

Basic knowledge of Microsoft Office (Word, Excel, PowerPoint)

Operating systems (Windows, Mac)

Web Browser (Chrome, Explorer, Safari, etc.)

Gmail, Outlook, Webmail

BLAST, UCSC Genome Browser, MiRBase, Mirwalk 3.0

LANGUAGES:

Italian Mother tongue

English: B2, CAMBRIDGE

Spanish: C1, DELE CERVANTES

German: A2, GOETHE ZERTIFIKAT

OTHER RELEVANT INFORMATION

2020 – nowadays

Volunteer at AIRC and Fondazione Umberto Veronesi

2021 –2022

“Percorso formativo docenti 24 CFU” certificate, University of RomaTre

September 2017 – July 2018

“Erasmus+” project at University of Granada, Spain

2015

Driving licence