



Personal details

Date and place of birth: 26th September 1997,

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WORK ADDRESS

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

SUPERVISOR:

Dr. Giovanni Blandino, Dr. Gianluca Canettieri

PREVIOUS RESEARCH EXPERIENCE

- November 2022-*today*

Fellow researcher

Sapienza University of Rome, Italy

PhD fellow in Molecular Medicine (at Regina Elena National Cancer Institute, Translational Oncology Research Unit)

- January 2022- November 2022

Fellow researcher

Regina Elena National Cancer Institute, Rome, Italy

Translational Oncology Research Unit

Supervisor: Dr. Matteo Allegretti

Research field: Nano-photon triage, label-free, for anti-SARS CoV2 serum antibodies dedicated to non-infectious hospital

- January 2021- October 2021

Master Thesis Intern

University of Perugia, Department of Medicine and Surgery,

Gastroenterology laboratory

Supervisor: Prof. Stefano Fiorucci

Study of the molecular mechanisms involved in the pathogenesis of liver disease, diseases of the metabolism. Study of nuclear receptors and development of new ones pharmacological approaches based on bile acid receptors.



CAREER:

- 2022-*nowadays* PhD School of Molecular Medicine
Sapienza University of Rome, Italy
Research field: Molecular analyzes of lymph nodes in HNSCC for purposes
prognostic and therapeutic
 - 2019-2021 Master's Degree in Biology
University of Perugia, Italy
110/110 cum laude
 - 2016-2019 Bachelor's Degree in Biological Sciences
University of Perugia, Italy
107/110
 - 2011-2016 Leaving certificate
High School "G.B. Vico", Nocera
Inferiore SA, Italy
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SKILLS:

Cellular biology techniques

Blood sample processing, maintenance of cultured cells in suspension and in adherence, techniques of transfection; proliferation assays (MTT, ATPlite Luminescence), standard functional assays (Trypan blue, Live/Dead Cell assay), apoptosis (Annexin V staining)

Flow cytometry analysis and cell sorting

Molecular biology techniques

Serum/tissue DNA/RNA extraction, Real-Time and digital PCR, RNA extraction from cell culture, retro-transcription. Expression profile analysis of miRNAs and circ-RNAs.

Mutation detection and analysis of viral targets. conventional PCR. Protein extraction

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, FlowJo, Prism.

LANGUAGES:

Italian Mother-tongue

English: B2

OTHER RELEVANT INFORMATION

2020 – nowadays

Qualification to practice the profession of Biologist, 2021

2015

Driving license