



Personal details

Date and place of birth: 25th July 1998, Ragusa (Italy)

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WORK ADDRESS

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

SUPERVISOR:

Dr. Giovanni Blandino, Dr. Giuseppe Giannini

PREVIOUS RESEARCH EXPERIENCE

• December 2023-*Today*

Health Researcher

Regina Elena National Cancer Institute, Rome, Italy
Translational Oncology Research Unit (head Dr. Giovanni Blandino)

• November 2023- <i>Today</i>	Researcher Sapienza University of Rome, Italy PhD fellow in Molecular Medicine (at Regina Elena National Cancer Institute, Translational Oncology Research Unit)
• December 2022 – November 2023	Fellow Researcher Regina Elena National Cancer Institute, Rome, Italy Translational Oncology Research Unit (head Dr. Giovanni Blandino. Supervisor: Dr. Matteo Allegretti
• November 2022 – January 2024	II University Master Degree University Campus Bio-Medico of Rome Research field: “Clinical Research, Open innovation and market access in digital era”
• April 2021- January 2023	Master thesis Intern Regina Elena National Cancer Institute, Rome, Italy Translational Oncology Research Unit Supervisor: Dr.ssa Valeria Canu Research field: Oncogenic role of SPAG5 in TNBC



CAREER:

- 2023-*nowadays* PhD School of Molecular Medicine
Sapienza University of Rome, Italy
Research field: tumor microenvironment: a catalyzer of tumor growth, aggressiveness and invasion
 - 2020-2022 Degree in Medical Biotechnology
University of Rome, Italy
110/110
 - 2017-2020 Degree in Biotechnology
University of Ferrara, Italy
85/110
 - 2011-2016 Leaving certificate
High School “Quintino Cataudella”,
Scicli RG, Italy
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SKILLS:

Cellular biology techniques

Whole blood sample processing, serum, plasma and PBMC extraction, cancer cell lines and patient-derived 3D culture, techniques of transfection, viability assays (ATPlite Luminescence) using PelkinElmer ENSPIRE, Drug Screening using OPERA PHENIX PLUS.

Molecular biology techniques

Serum/tissue DNA/RNA extraction, Real-Time PCR, RNA extraction from cell culture, miRNA and mRNA retro-transcription; Immunofluorescence assay
Protein extraction, NanoDrop quantification, Western Blotting



IT SKILLS:

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

Operating systems (Windows)

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

Gmail, Outlook, Webmail

BLAST, METABRIC, GEPIA 2, Prism.

LANGUAGES:

Italian Mother-tongue

English: B2

Sebastiano Vaccarella