

Curriculum Vitae

GLORIA TERRIACA

Name: Gloria Terriaca

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Work address: Molecular Oncology Laboratory –Department of Molecular Medicine – Viale Regina Elena
291, 00161, Rome, Italy

Nationality: Italian

Date of Birth: 16/04/1997

EDUCATION

October 2022 – today

PhD student in Molecular Medicine (XXXVIII cycle),
Molecular Oncology Laboratory – Department of Molecular Medicine
“La Sapienza” University of Rome
Supervisor: Professor Enrico De Smaele

October 2020– October 2022

Masters’ Degree in Pharmaceutical Biotechnology
Faculty of Pharmacy and Medicine
“La Sapienza” University of Rome
Thesis: “ The role of HECT-E3 Ubiquitin Ligases SMURF1 and
SMURF2 in the modulation of Hedgehog signaling pathway”
Supervisor: Professor Enrico De Smaele
Grade: 110/110 cum Laude

October 2016 – 2020

Bachelors’ Degree in Biotechnology
University of Perugia
Thesis: “Engineering, production and activity of Metallo beta-
Lactamase Vim-1 *P.aeruginosa*,”
At: *Giovanni Lorenzini Italian Biochemical Institute (IBI), S.p.a,*
Aprilia
Grade: 100/110

October 2019 – April 2019

Practical training

At: *Giovanni Lorenzini Italian Biochemical Institute (IBI), S.p.a, Aprilia*

TRAINING COURSES AND RESEARCH EXPERIENCE

October 2022 – today

Scientific research activity as a Molecular Medicine PhD student, Molecular Oncology Laboratory –Department of Molecular Medicine – “La Sapienza” University of Rome.

- Study of Smurfs protein role in the negative regulation of Hedgehog signaling pathway and in medulloblastoma
- Characterization of Smurfs and Gli1 interaction.

December 2022

Attended the training course “Preclinical Trials and Animal Welfare Training “(FSPBA) This course is mandatory to perform the functions A provided by art. 23 par. 2 d.lgs. 26/2014, training for personnel who work with animals for scientific purposes according to d.lgs of 5 August 2021 and DD of 18 March 2022, “La Sapienza” University Rome.

CONGRESS PARTECIPATION

2023- Poster presentation ABCD National Congress 2023, Paestum, Italy.

SCIENTIFIC FUNDINGS

2023- Awarded the Sapienza “University research starting grant” for the project: Histological and molecular analysis of the role of KCASH2 in the colon.

SCIENTIFIC PUBLICATIONS

2023- Di Fiore A, Bellardinelli S, Pirone L, Russo R, Angrisani A, Terriaca G, Bowen M, Bordin F, Besharat ZM, Canettieri G, Fabretti F, Di Gaetano S, Di Marcotullio L, Pedone E, Moretti M, De Smaele E. *KCTD1 is a new modulator of the KCASH family of Hedgehog suppressors*. Neoplasia. 2023

TECHNICAL SKILLS

- Genotyping and classic PCR
- Maintenance and pharmacological treatment of primary and immortalized cell cultures
- Immunofluorescence staining of cells
- Transient transfection of nucleic acids with electroporation or liposomic agents
- RNA and DNA extraction and purification, RT-PCR and Q-PCR
- Protein extraction, Bradford Assay, Western Blot
- Immunoprecipitation and Ubiquitination Assays
- Cultivation and isolation of bacterial cultures, bacterial transformation and DNA purification techniques
- Bacterial cloning
- Clonogenic Assays and Proliferative Tests: BrdU/EdU

OTHER SKILLS:

- Excellent organizational and management skills of own work
- Good ability to work in an interactive group, to operate with a certain degree of autonomy and to be readily integrated into the work environment
- Great ability to communicate and adapt to multicultural environments acquired during university studies and work experience

LANGUAGE SKILLS:

English

Comprehension		Speaking		Writing
Listening	Reading	Oral interaction	Oral production	
B1	B1	B1	B1	B1

COMPUTER SKILLS:

Operating Systems (Good), Programming (Fair), Word Processing (Good), Spreadsheets (Good), Database Managers (Fair), Internet Browsing (Good), Website Creation (Good), Multimedia (sounds, images, videos) (Good),
Programming Languages: (C++, Javascript)

