

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.

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)

