

Roberta Marrone

EDUCATION

High School Diploma | 2012 - 2017

Scientific High School Archimede

Bachelor's degree in Biotechnology | 2017 - 2021

Tor Vergata University of Rome

During my Bachelor's degree I studied Chemistry, Organic chemistry, Mathematics, Physics, Biochemistry, Genetics, Immunology, Molecular biology, Economics, Microbiology, Gene functions analysis, General pathology, Applied biochemistry, Human systematic biochemistry, Organs and functions and Fermentation biochemistry.

Master's degree in Genetics and Molecular Biology | 2021 - 2023

Sapienza University of Rome

During my Master's degree I studied Gene expression regulation in eukaryotes, Molecular biology of stamina cells, Epigenetics of gene expression, Molecular parasitology, Genetics of development, Human genetics, Molecular clinic biology, Genetics of aging, Biosynthesis and analysis of protein, Molecular oncology, Cell cycle and Pharmacology in drug discovery.

Thesis: Characterization of gene expression in the *Anopheles coluzzii* mosquito infected with the *Plasmodium falciparum* parasite. The analysis of the modulation of genes involved in parasite invasion was compared under low and high parasite load conditions.

PHD in Human Biology and Medical Genetics | 2023 - in progress

Sapienza University of Rome

Main traineeship skills: Cancer cell culture, DNA&RNA purification, microRNA extraction, purification and transfection, immunoprecipitation, protein purification and western blot assay, RNA reverse transcription and real-time PCR assay, DNA cloning, CRISPR-Cas9 technology for genome editing.

Tutor: Prof. Valerio Fulci.

GENERAL INFORMATION



3480449690



roberta.marrone@uniroma1.it



Via Virgilio Talli 170, Rome



08/05/1998, Rome