

Curriculum Vitae

Education

2020 – current Master Degree in medical biotechnology. University of Florence (UNIFI), Department of Biochemistry. Supervisor: Prof. Cristina Luceri (dep. NEUROFARBA, Pharmacology and Toxicology section). (Prob. Degree in may 2023)

2016 –2019 Bachelor Degree in Biotechnology, University of Florence (UNIFI), Firenze

Research Experience

2022 – current Internship at Core Research Laboratory, ISPRO - University of Florence.

Sep. 2019 – Dec. 2019 Internship at Core Research Laboratory, ISPRO - University of Florence.

Technical Skills

Bioinformatics: CNV calling softwares for NGS data (BWA, Samtools, IchorCNA). CNV, mutations and base modification calling softwares for Nanopore sequencing analysis (Guppy). Programming languages: Bash, R.

Molecular Biology: DNA/RNA extraction from biological cultures; PCR, cloning and cell transformation

Cellular Biology: Handling of cell lines (MCF7, MCF10, HEK293)