

PIETRO TETTAMANTI

Date of Birth: 05/04/1995, Milan

| EDUCATION |-----

Master Degree in Medical and Pharmaceutical Biotechnologies (April 2023)

University of Pavia, Pavia (PV), Italy

Thesis project achieved in *University of Milano-Bicocca, Monza (MB), Italy*.

Thesis: “*Use of conditioned medium derived from Mesenchymal Stromal Cells loaded with paclitaxel in preclinical models of Triple-Negative Breast Cancer*”.

Bachelor Degree in Biological Sciences (Jul 2020)

University of Milan, Milan (MI), Italy

My experimental thesis project focused on studying and learning applications of genetic and histochemistry methods on animal and plant cells.

| TECHNICAL SKILLS |-----

CLINICAL TRIALS

Experience in clinical research activity conducted under Good Clinical Practice (GCP, ICH E6 R2)

Data management and trial coordination (trial protocols, visit scheduling, drug dispensation)

Study start-up and trial documentation management (ISF, SIV docs, COV docs, Drug management)

eCRF reports and source documents

CELL AND ANALYSIS LABORATORY

Cell biology: cell culture BL1 and BL2, immunofluorescence; apoptosis assays; MTS assay after drug treatment.

Biochemistry: protein isolation and quantification; Western blotting analysis.

Molecular biology: RNA, miRNAs and DNA isolation from cultured cells; plasmid DNA transformation in competent cells (Top Ten); Maxiprep.

Recombinant DNA technologies: quantitative-Real Time and semiquantitative RT-PCR with different platforms (One Plus, Apply Biosystem)

| LANGUAGES |-----

Italian: Native language

English: Writing C1, Reading C1, Speaking B2-C1 (Oxford English Testing LMS, University of Milan)

| COMPUTATIONAL SKILLS |-----

Microsoft Office (Excel, Word, Power Point); Google Docs; Google Drive; Image J; Adobe Illustrator and Adobe Photoshop

Statistical and programming softwares: GraphPad PRISM; JavaScript; CSS; HTML.

| POST-GRADUATION CAREER |-----

Clinical Study Coordinator

January 2024 – Ongoing

Fondazione IRCCS San Gerardo dei Tintori, Monza (MB), Italy

Scientific head: Prof. Marina Elena Cazzaniga

Description: Clinical Study Coordinator at Phase I Research Centre.

Research Fellowship

June 2023 – December 2023

Department of Medicine and Surgery (School of Medicine and Surgery), Milano-Bicocca (MB), Italy

Scientific head: Prof. Marina Elena Cazzaniga

Description: *the project has as its focus the evaluation of mutational and base-changing features in c/DNA by liquid biopsy and detection of miRNAs as early predictive biomarkers of response to CDK 4/6 inhibitors in patients with MBC HER2-treated with CDK 4/6 inhibitors.*

| ACKNOWLEDGEMENTS |-----

- Article published on International Journal of Molecular Sciences: ***TWIST1 Upregulation Is a Potential Target for Reversing Resistance to the CDK4/6 Inhibitor in Metastatic Luminal Breast Cancer Cells.***
Int. J. Mol. Sci. 2023, 24(22), 16294
<https://doi.org/10.3390/ijms242216294>
- Article published on International Journal of Molecular Sciences: ***Conditioned Medium of Mesenchymal Stromal Cells Loaded with Paclitaxel Is Effective in Preclinical Models of Triple-Negative Breast Cancer (TNBC).***
Int. J. Mol. Sci. 2023, 24(6), 5864
<https://doi.org/10.3390/ijms24065864>
- Abstract to San Antonio Breast Cancer Symposium (SABCS): ***Loss of CDKN2B expression as a potential marker of resistance to CDK4/6 inhibitor in Luminal Breast Cancer cells.***
Cancer Res (2023) 83 (5_Supplement): P1-13-21
<https://doi.org/10.1158/1538-7445.SABCS22-P1-13-21>