

**PERSONAL INFORMATION**

Name **Mariangela Lorenzo**  
 Address 21, Luigi Boccherini, 20131, Milan, Italy  
 Telephone +393807047376  
 E-mail [mariangelalorenzo@hotmail.it](mailto:mariangelalorenzo@hotmail.it)  
 Nationality Italy  
 Date of birth 05/09/1986

**WORK EXPERIENCE**

June, 2015- Present

INGM

- Name and type of organization providing
- Principal subjects/occupational skills covered

Post-doc in the project: “Modulation of anti-cancer immune response by regulatory non coding RNA” at INGM institute in Integrative Biology Unit headed by Prof. Massimiliano Pagani.

**Education and training**

- Dates

November, 2011 – May, 2015

- Name and type of organization providing
- Principal subjects/occupational skills covered

Università degli studi di Milano

Genetics, Molecular biology, Cellular biology, Virology, Biochemistry, Chemistry. Thesis title: “The interaction among NF- $\kappa$ B and E-BOX Transcription factors Myc, MAX and USF1”

- Title of qualification awarded

PhD in Biomolecular sciences

- Dates

October, 2009 – July, 2011

- Name and type of organization providing
- Principal subjects/occupational skills covered

Università degli Studi di Bari

Genetics, Physiology and electro-physiology.

Thesis title: “The role of CaR receptor as a new CFTR modulator: electrophysiologic analysis of human bronchial cells”

- Title of qualification awarded

Degree in Cellular and Molecular Biology with honors

- Dates

September, 2005 – October, 2009

- Name and type of organization providing
- Principal subjects/occupational skills covered

Università degli studi di Bari “Aldo Moro”

Genetics, Physiology, Virology, chemistry. Thesis title:

“Comparison of different techniques for the extraction of HCV RNA”

- Title of qualification awarded

Bachelor Degree in Cellular and Molecular Biology

**Technical skills, competences, clinical activity**

Great knowledge for molecular and cellular biology, manipulation of DNA and RNA, transformation of bacteria cells construction of expression vectors for mammalian and prokaryotic cells, expression and purification of eukaryotic transcription factors, affinity chromatography, purification of recombinant proteins from bacteria inclusion bodies, proteins and DNA electrophoresis, western blotting, manipulation of mammalian cell cultures, transient transfection of mammalian cells, production of lentivirus and adenovirus for mammalian cells infection, ChIP assays, PCR, real time PCR, EMSA, testing of small ligands as inhibitors of transcription factors binding to DNA, luciferase assays  
Great knowledge of biological and biochemical instruments: centrifuges, FPLC, thermofluor, spectrophotometer, chemidoc, luminometer, optical microscope , fluorescence microscope , incubators , fume hoods , biological hoods

Excellent knowledge of MS Office package: Excel, PowerPoint and Access. Good knowledge of graphic design Softwares: Adobe Photoshop, Image J and Image lab.

**ADDITIONAL INFORMATION:**

- Calvenzani V., Testoni B., Gusmaroli G., **Lorenzo M.**, Gnesutta N., Petroni K., Mantovani R., Tonelli C., (2012) Interactions and CCAAT-binding of Arabidopsis thaliana NF-Y subunits. Plos one 7 (8): e 42902. IF: 3,73
- Benatti P, Chiaramonte ML, **Lorenzo M**, Hartley JA, Hochhauser D, Gnesutta N, Mantovani R, Imbriano C, Dolfini D.(2016).NF-Y activates genes of metabolic pathways altered in cancer cells. Oncotarget 7(2):1633-50. doi: 10.18632/oncotarget.6453.
- **Lorenzo M**, Pigni M., Mantovani R., Gnesutta N., The interactions between NF-Y and E-Box Binding Factors (in preparation)
- Assistant in educational workshops in biochemistry for degree students in molecular and cellular biology (referee : Dott. ssa Nerina Gnesutta).
- Partipation in seminars organized by Depatment of Biosciences of Università degli studi di Milano on different aspects of molecular, cellular and structural biology.
- Speaker at 3<sup>rd</sup> Ph.D workshop of molecular and cellular biology of the Università degli studi di Milano : “ The relationship between NF-Y and E-Box binding factors”
- Collaboration with Biosciences Department of University of Milan for the project: “purification of recombinant Transcription Factors and isolation of of multimolecolar complexes for structural studies

**REFEREES:**

Prof. Roberto Mantovani : Full Professor. Genetics  
E-mail: [mantor@unimi.it](mailto:mantor@unimi.it) Telephone: 02503 15005  
Address : Via Celoria 26, department of bioscience, University of Milan

Dott. ssa Nerina Gnesutta: researcher  
E-mail: [nerina.gnesutta@unimi.it](mailto:nerina.gnesutta@unimi.it) Telephone: 02503 14917 Address: Via Celoria 26, department of bioscience, University of Milan

Prof. Rosa Caroppo: Full Professor Phisiology  
E-mail: [rosa.caroppo@uniba.it](mailto:rosa.caroppo@uniba.it) Telephone: +39 0805443385

Address: Via Amendola 165/a, Department of General Physiology  
Universita degli studi di Bari

Milano, 27/06/2016