

PERSONAL INFORMATION Chiara Pesenti

WORK EXPERIENCE

Jan 2015 – Now **Student of Specialization school in Medical Genetic**
U.O.C. Anatomia Patologica – Servizi di Patologia Molecolare, Fondazione IRCCS Ca' Granda - Ospedale Maggiore Policlinico Milano
Participation in the research and diagnostic activities of the molecular pathology laboratory
Molecular Pathology and Biology

Oct 2014 – Dec 2014 **Fellowship researcher**
U.O.C. Anatomia Patologica – Servizi di Patologia Molecolare, Fondazione IRCCS Ca' Granda - Ospedale Maggiore Policlinico Milano
Participation in the research and diagnostic activities of the molecular pathology laboratory
Molecular Pathology and Biology

Feb 2014 – Sep 2014 **Volunteer researcher**
U.O.C. Anatomia Patologica – Servizi di Patologia Molecolare, Fondazione IRCCS Ca' Granda - Ospedale Maggiore Policlinico Milano
Participation in the research activities of the molecular pathology laboratory
Molecular Pathology and Biology

Jul 2012 – Jul 2013 **Master degree internship student**
Achille Pellicoli - Dipartimento di Bioscienze – Università degli Studi di Milano
Master degree internship – Participation in a research project aimed at understanding the DNA metabolism and its involvement in cell cycle regulation using budding yeast as a model organism
Molecular and Cellular Biology

Feb 2011 – May 2011 **Bachelor degree internship student**
Federica Marini - Dipartimento di Bioscienze – Università degli Studi di Milano
Bachelor degree internship – Analysis of protein involved in DNA repair using bacteria, yeast and human cells as models
Molecular and Cellular Biology

EDUCATION AND TRAINING

Dec 2014 – now **Specialization school in Medical Genetics**
Università degli Studi di Milano

Nov 2013 – Dec 2013 **Professional Biologist Qualification**
Università degli Studi di Milano

- Sep 2011 – Jul 2013** **Master Degree in Molecular Biology of the Cell**
 Dissertation title “ Caratterizzazione di una nuova variante della proteina Cdc5 con una ridotta attività chinasi in cellule che rispondono a danni al DNA”
 Università degli Studi di Milano
- Oct 2008 – Jul 2011** **Bachelor Degree in Biological Sciences**
 Dissertation title “ Proteine coinvolte nella risposta ai danni al DNA da lievito all'uomo: un'analisi molecolare, genetica, biochimica e cellulare”
 Università degli Studi di Milano
- Sep 2003 – Jul 2008** **Classic High School Diploma**
 Istituto di Istruzione Superiore Statale “Simone Weil” – Treviglio (BG)

PERSONAL SKILLS

Mother tongue	Italian				
Other language	English				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	B2	C1	B2	B2	C1

Communication skills I have good communication skills that I earned mainly during my master degree internship and the period spent in Monica Miozzo's laboratory. In both cases I took part in research projects along with other researchers and this gave me the chance to improve my ability to communicate and discuss scientific results.

Organisational / managerial skills I can autonomously plan my work defining the priorities and reaching the proposed goals in time. I can also teach my expertise to new colleagues.

Job-related skills DNA extraction from blood and tissues, pyrosequencing, MALDI-TOF mass spectrometry on nucleic acid (using Sequenom platform), genetic and epigenetic analysis, DNA amplification (PCR), site-specific mutagenesis, DNA digestion and cloning, yeast and *E. coli* cell transformation, electrophoresis, SDS-PAGE, Western Blotting, Southern Blotting, FACS (fluorescence activated cell sorting) analysis, optical microscopy, micromanipulation, two hybrid screening, kinase assay, Fluorescence In Situ Hybridization, Real Time PCR.

Budding yeast genetics, growth and cell cycle regulation.

Good knowledge of Biologic databases (Genome Browser, NCBI, ...), Sequencher, SerialCloner and Gene Construction Kit, MassArray analyser v 4.0 software (Sequenom), PyroMark Q-CpG v 1.0.9 software (Qiagen).

Computer skills Good knowledge of both Windows and MacOS environments, the Office package, Adobe Creative Suite, ImageJ.

Other skills Drawing, Painting and Ceramic Sculpting

Driving licence B

ADDITIONAL INFORMATION

Publications

Pesenti C., Gusella M., Sirchia S., Miozzo M. *Germline Oncopharmacogenetics, a promising field in cancer therapy. Cell Oncol.* 2015 Jan 9.

Conferences and Poster presentation

Conference "Qualità in ambito sanitario. Il rischio clinico. Il laboratorio di genetica, accreditamento e certificazione SIGUCERT. Controlli di qualità interni ed esterni." Roma (Italy), September 24-25 2015.

Pesenti C., Ancona S., Baisi A., Prinelli A., Rovina D., Miozzo M., Lesma E., Sirchia S.M. *TSC2 epigenetic defects in primary lymphangiomyolipomas and angiomyolipomas cells.* 5th Clinical Epigenetics International Meeting (CLEPSO), Dusseldorf (Germany), March 5-6 2015.

Augello C., Falcone R., Savi F., Tabano S., Pesenti C., Fracchiolla N., Iurlo A., Gianelli U., Miozzo M., Sirchia SM. *DNA methylation profiles of PDGFB and FGF2 are potential biomarkers of disease progression in primary myelofibrosis.* 47th European Human Genetics Conference (ESHG), Milan (Italy), May 31 – June 3 2014.

Carlessi N., Bonaparte E., Falcone R., Tabano S., Sirchia S., Paganini L., Giangiobbe S., Ciboddo M., Pesenti C., Bosari S., Miozzo M. *Utilizzo della spettrometria di massa per la genotipizzazione degli adenocarcinoma polmonari.* XXI Corso Nazionale per tecnici di laboratorio biomedico, Riccione (Italy), May 20-23 2014.

Bonaparte E., Falcone R., Tabano S., Sirchia S., Carlessi N., Paganini L., Pesenti C., Giangiobbe S., Ciboddo M., Bosari S., Miozzo M. *MassArray genotyping analysis detects predictive lung adenocarcinoma biomarkers.* Congress "L'impatto delle nuove tecnologie in genetica su ricerca e diagnostic. Esempi di nuovi percorsi diagnostici e discussione di casistica." (S.I.G.U), S. Terenzio di Lerici (Italy), April 10-12 2014.

Ferrari M., Magni M., Pesenti C., Santocanale C., Pellicoli A. *Functional interplay between the polo kinase Cdc5 and the stress-activated kinase Gcn2 in yeast cells responding to DNA damage.* Keystone Symposia Meeting on Genome Instability and DNA Repair, Banff, Alberta (Canada), March 3-8 2013.

I authorize the handling of my personal information under the Italian Legislative Decree n. 196/2003

I authorize the publication of my Curriculum Vitae on the web site of Fondazione IRCCS Cà Granda-Ospedale Maggiore Policlinico under the Italian Legislative Decree n. 33/2013 art. 15.

Milan, December 9th, 2015

