

Curriculum Vitae

PERSONAL DATA	
Name	Fabrizia Pellanera
Date/place of birth	06-11-1979/Teramo
Citizenship	Italian
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EDUCATION			
Name of Institution	Location (City, Country)	Degree	Year
University of Perugia	Perugia, Italy	Master of Science in Biological Sciences	2013
University of Perugia	Perugia, Italy	PhD in Clinical and Molecular Medicine	2015/2016
University of Tor Vergata	Rome, Italy	Master in Forensic Genetics	2017
University of L'Aquila	L'Aquila, Italy	Postgraduate Specialisation in Clinical Pathology and Clinical Biochemistry	2018/ongoing

RESEARCH EXPERIENCE		
From - To	Position	Research activity
2012/2013	Student, University of Perugia	Mutational analysis, Sequencing, Cloning
2013/2016	PhD Student, University of Perugia	Precision Medicine in Hematology
2017/2018	Fellow, University of Perugia	Advances in diagnosis of Myelodysplastic Syndromes
2018/2019	Fellow, University of Perugia	Genomic identity card for the diagnosis of Leukemia
2019/today	Fellow, University of Perugia	Actionable targets in clonal progression and systemic spreading of myeloid neoplasms.

TECHNICAL SKILLS AND COMPETENCES
DNA extraction and purification - PCR and primer design -DNA Bisulfite conversion -DNA cloning - RNA isolation, purification and analysis -Real time PCR and Taqman - Methylation – specific PCR (MSP) - Reverse transcriptase PCR (RT-PCR) -Bacterial transformation and electroporation - Cloning and cDNA library screening -Plasmid DNA isolation and analysis-Enzymatic treatment DNA/RNA - CRISPR/Cas9 Technology - Libraries preparation for target resequencing - Libraries preparation for Exome sequencing- Gene mapping - Genome Sequencing (Sanger and NGS)-Sequence alignment - Primary cell culture from bone marrow and peripheral blood-Preparation of culture media, seeding and expansion of cell lines , freezing and thawing-Human Colony Forming Assay (CFC) using Methylcellulose- based media - Biological databases-Functional domains recognition-Computational similarity and homology analysis-Analysis of whole-exome sequencing and target resequencing data

AWARDS
20-5-2015 – 5X1000 Fellowship (University of Perugia)

PUBLICATIONS	
1.	Pierini T, Di Giacomo D, Pierini V, et al., Mol Cytogenet. 2016;1;9:68
2.	Di Giacomo D, Pierini V, La Starza R, et al., Leuk.Lymphoma 2017; 9:1-3
3.	Fernandez AGL, Crescenzi B, Pierini V, et al., Leukemia 2019;33(10):2481-2494
4.	Quintini M, Arniani S, Ascani S, et al, Cytopathology. 2020; ;31(1):59-62