

## Curriculum Vitae

PERSONAL DATA	
Name	Anair Graciela Lema Fernandez
Date/place of birth	25 November 1985 Montevideo (Uruguay)
Citizenship	Spanish
Work address	Piazzale Giorgio Menghini 9, Perugia
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EDUCATION			
Name of Institution	Location (City, Country)	Degree	Year
University of Perugia	Perugia, Italy	PhD in "Biotechnology of Human Bone Marrow Transplantation"	2017
Faculty of Mathematical, Physical and Natural Sciences, University of Perugia	Perugia, Italy	Master's degree in Applied biomolecular sciences (LM-6)	2012
Faculty of Mathematical, Physical and Natural Sciences, University of Perugia	Perugia, Italy	Undergraduate degree in Biological Science (Biomedical curricula)	2010

RESEARCH EXPERIENCE		
From - To	Position	Research activity
Jul 2019- Today	Fellow at University of Perugia, Lab. of Cytogenetics and Molecular Genetics	Actionable targets in clonal progression and systemic spreading of myeloid neoplasms
Gen 2018–Gen 2019	Fellow at University of Perugia, Lab. of Cytogenetics and Molecular Genetics	Use of advanced technologies for the determining genomic structure in Myelodysplastic Syndromes (MDS)
Jan 2017–Dec 2017	Fellow at University of Perugia, Lab. of Cytogenetics and Molecular Genetics	Personalized diagnosis in acute lymphoblastic leukemia in children and adults: an indispensable bridge to new therapies
Jun 2017	Training course	Training course for the animal experimentation authorization
Apr 2016–Aug 2016	Visiting Student at University of Michigan, Professor Maria E. Figueroa. Ann Arbor, Michigan (United States)	Bioinformatic analysis of Next Generation Sequencing Data and Biological pathways analysis
Oct 2014–Mar 2015	Visiting Student at University of Michigan, Professor Maria E. Figueroa. Ann Arbor, Michigan (United States)	Deregulation of DNA methylation in malignant haematopoiesis using Whole Genome Bisulfite Sequencing, Enhanced Reduced Representation Bisulfite Sequencing and ChIPseq

TECHNICAL SKILLS AND COMPETENCES
Cellular Cultures, Harvesting, Red blood cells lysis, Nucleic acid extraction (RNA and DNA), PCR, Electrophoresis, Denaturing high-performance liquid chromatography, Sequencing with automated capillary Sanger method, Cloning, 5' Race, 3' Race, Methylation Specific PCR, Affymetrix array, Hamilton Robotics, Illumina Platforms, Luciferase Assay, Whole Genome Bisulfite Sequencing, multiplex Enhanced Reduced Representation Bisulfite Sequencing, RNAseq, Exome. Bioinformatic analysis of Next Generation Sequencing Data.

AWARDS
Winner of PhD in: " Biotechnology of human bone marrow transplantation "
Winner of the travel Fellowship "CONSORZIO INTERUNIVERSITARIO PER LE BIOTECNOLOGIE (CIB)

PUBLICATIONS	
1.	Fernandez AGL, Crescenzi B, Pierini V et al. Leukemia 2019 Oct;33(10):2481-2494.
2.	Di Giacomo D, Pierini V, La Starza R et al. Leuk Lymphoma. 2017;58(11):2765-2767.
3.	Pierini T, Di Giacomo D, Pierini V et al. Mol Cytogenet. 2016;9(1):68.
4.	La Starza R, Borga C, Barba G et al. Blood. 2014;124(24):3577-82
5.	Di Giacomo D, Lema Fernandez AG, Pierini T et al. Leuk Res. 2014;38(7):804-7