

PERSONAL DATA

Name: Francesca Lazzaroni
Date of birth: 17/06/1984
Place of birth: Milan
Citizenship: Italian
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EDUCATION

2009-2012: PhD in Biotechnologies Applied to Medical Sciences. Thesis Title: “WNT- dependent regenerative function is induced in Leukemia- Initiating AC133 bright Cells”. University of Milan, Milan, Italy
2007-2009: Master’s degree in Medical Biotechnology and Molecular Medicine. Thesis Title: “Analysis of transcriptional pathways induced in AC133+ stem cells fractions in Acute Myeloid Leukemia”. University of Milan, Milan, Italy
2004-2007: Bachelor’s degree in Medical Biotechnology. Thesis Title: “Analysis of oligoclonal bands in cefalorachidian liquid detected by isoelectrofocusing”. University of Milan, Milan, Italy

Research experiences

2018-ongoing: Post Doc Researcher at IFOM, FIRC Institute of Molecular Oncology in the Vascular Biology Lab Milan (Prof. Dejana’s group)
2017- 2018: Post Doc Researcher at Department of Biochemistry, University of Lausanne (Prof. G.P. Dotto’s Group). Project: “Notch signalling in cancer associated fibroblasts”
2016: Guest Post-doc Lund University, (Prof. Laurell)
2015-2017: Post-doc fellowship Department of Health Sciences, University of Milan. Project: “High-content profiling at single-cell resolution by integrated microfluidic system in WNT-induced AML”
2014: Guest Post-doc at SciLifeLab-Uppsala University (Prof. Ulf Landegren, Ola Soderberg)
2013-2015: Post-doc Department of Biotechnology and Translational Medicine, University of Milan
2011: Guest PhD Student at Rudbeck Laboratoriet-Uppsala University (Prof. Mats Nilsson)

Technical skills and competences

Handle of peripheral and bone marrow blood, cell biology, PCR, qRT-PCR, Sequencing, RNA-interfering, immunoprecipitation and western blotting, flow cytometry, immunofluorescence, immunohistochemistry, viral vectors and bacterial culture, mRNA in situ detection, PLA, miRNA stem-loop RT PCR, FISH, ddPCR, Incucyte, 3D culture, microfluidic system.

Awards

2016: Fellowship C.M. Leric Foundation for research activity at Lund University, (Prof. Laurell).
2014: Fellowship C.M. Leric Foundation for research activity at Uppsala University (Prof. Landegren, Prof. Soderberg).

Publications

1. Bottoni G., Katarkar A., Clocchiatti A., Goruppi S., Bordignon P., **Lazzaroni F.**, Gregnanin I., Tordini F., Lunardi T., Lingner J., Neel V., Dotto GP. CSL and NOTCH1 determine genomic stability and expansion of Cancer Associated Fibroblasts in human skin. Manuscript
2. **Lazzaroni F** , Del Giacco L, Biasci D, Turrini M, Prosperi L, Brusamolino R, Cairoli R, Beghini A. Intronless WNT10B-short variant underlies newrecurrent allele-specific rearrangement in acute myeloid leukaemia. Sci Rep .6:37201 (2016).
3. Iurlo A., Gianelli U., Beghini A., Spinelli O., **Lazzaroni F.**, Cambiaghi S., Intermesoli T., Rambaldi A., Cortelezzi A. Identification of kit (M541L) somatic mutation in chronic eosinophilic leukemia, not otherwise specified and its implication in low-dose imatinib response. Oncotarget 15; 5 (13), 4665-70, (2014).