

## Curriculum Vitae

PERSONAL DATA	
Name	Emiliano Fabiani
Date/place of birth	10-22-1972 / Rome (RM), Italy
Citizenship	Italian
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EDUCATION			
UCSC University	Rome (RM), Italy	PhD in Technological Applications in Hematology	2008
Sapienza University	Rome (RM), Italy	Degree in Biology	2004

RESEARCH EXPERIENCE		
2018- Present	Post-Doctoral Fellow, Tor Vergata University, Rome, Italy (Coord.: M.T. Voso)	Next Generation Sequencing for the study of the mutational landscape of therapy-related Myeloid Neoplasm
2016-2018	Post-Doctoral Fellow, Tor Vergata University, Rome, Italy (Coord.: F. Lo-Coco)	ATRA and ATO versus ATRA and chemotherapy in high risk APL patients
2013- 2016	Research Associate, UCSC, Rome, Italy (Coord.: G Leone)	Genetic and epigenetic profile of therapy-related myeloid neoplasms
2012- 2013	Post-Doctoral Fellow, UCSC, Rome, Italy (Coord.: M.T. Voso)	Identification of new targets of susceptibility, prognosis and therapy in de novo and sec-AML
2011- 2012	Post-Doctoral Fellow, UCSC, Rome, Italy (Coord.: M.T. Voso)	Epigenetics of lymphoproliferative disorders
2009- 2010	Post-Doctoral Fellow, UCSC, Rome, Italy (Coord.: M.T. Voso)	Characterization of leukemic stem cell and its relation with healthy hematopoietic stem cell
2005-2008	PhD Fellow, UCSC, Rome, Italy (Coord.: G. Leone)	Genetic back ground and epigenetic alterations in myelodysplastic syndrome

TECHNICAL SKILLS AND COMPETENCES
<p><b>Molecular Biology:</b> isolation of DNA, RNA and protein from fresh and paraffin embedded tissue, solid organs and cell cultures. Nucleic acids amplification and manipulation: PCR, nested-PCR, PCR-RFLP, RT-PCR, Q-PCR, ddPCR, WGA, Sanger sequencing, pyrosequencing, NGS, MicroRNA and CHIP. Sodium bisulfite treatment and methyl-specific PCR. Cloning and bacteria transformation. Gene silencing through interference RNA. Spectrophotometric and fluorimetric techniques. Electrophoresis for nucleic acids and western blot analysis.</p> <p><b>Cell Culture:</b> Cell line maintenance, plasmid transfection and iRNA knockdowns. Isolation, expansion and cryopreservation of mesenchymal stem cells and hematopoietic stem cells. Co-culture assays, clonogenic assays and human CFU- assays.</p> <p><b>Immunohistochemistry:</b> tissue and cell culture. Optic, electronic and confocal microscopy.</p> <p><b>Animal models:</b> treatment, perfusion, labeling and organ isolation and manipulation.</p>

AWARDS
2019: Winner of Illumina's Oncology Research Grant.
2012: Scholarship Award of the "Giuseppe Toniolo Institute of Higher Studies", Rome, Italy.

PUBLICATIONS	
1.	Fabiani E, Calabrese C, Niscola P, et al. <i>Br J Haematol</i> 2019 <b>5</b> : 954-957
2.	Falconi G, Fabiani E, Piciocchi A, et al. <i>Leukemia</i> 2019 <b>3</b> : 785-790
3.	Fabiani E, Falconi G, Noguera N, et al. <i>Oncotarget</i> 2017 <b>8</b> : 84074-84085
4.	Fabiani E, Falconi G, Fianchi L, et al. <i>Oncotarget</i> 2017 <b>8</b> :12031-40
5.	Fabiani E, Falconi G, Fianchi L, et al. <i>Haematologica</i> 2014; <b>99</b> :e152-3