

Curriculum Vitae



PERSONAL DATA	
Name	Elisa Bianchi
Date/place of birth	August 5, 1980, Scandiano (RE), Italy
Citizenship	Italian
Work address	Centre for Regenerative Medicine, University of Modena & Reggio Emilia Via G. Gottardi 100, 41125 Modena, Italy
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EDUCATION			
Name of Institution	Location	Degree	Year
University of Modena & Reggio E.	Modena, Italy	Ph.D. in Biotechnology and Molecular Medicine	2008
University of Modena & Reggio E.	Modena, Italy	Medical Biotechnologies degree (summa cum laude)	2004

RESEARCH EXPERIENCE		
From - To	Position	Research activity
Since December 2018	Researcher position (RTD-B)	Study of the mechanisms underlying the overproduction of proinflammatory and profibrotic mediators in hematopoietic progenitor cells (HPCs) and monocytes from PMF patients.
From 2015 to 2018	Post-doctoral Senior Research fellowship	Study of the mechanisms underlying the skewed megakaryopoiesis and fibrogenesis in PMF. Molecular characterization of hematopoietic and epithelial stem/progenitor cells.
From 2012 to 2015	Researcher position (RTD-A) as FIRB coordinator	FIRB (Fondo per gli Investimenti della Ricerca di Base) "Futuro in Ricerca" project "Dry eye syndromes treatment by regenerative medicine" funded by the MIUR.
From 2008 to 2012	Post-Doctoral Research fellowship	Transcriptional control of normal and leukemic hematopoiesis. Molecular phenotyping of normal and leukemic hematopoietic stem/progenitor cells.

TECHNICAL SKILLS AND COMPETENCES
Purification and culture of human primary HPCs, monocytes and mesenchymal stromal cells. Cell sorting by immunomagnetic systems. In vitro HPCs differentiation assays in liquid and semisolid media. Gene silencing, miRNA overexpression/knockdown and retroviral transduction of HPCs. Cell migration assays. Flow cytometry. Western blot, ELISA assays, DNA and RNA isolation, molecular cloning techniques, PCR, qRT-PCR, Gene Expression Profiling by microarrays.

AWARDS
2010: Associazione Italiana Leucemie Linfomi e Mieloma Multiplo (AIL) award
2009: Associazione Italiana Colture Cellulari (AICC) award
2005: Associazione Italiana Leucemie Linfomi e Mieloma Multiplo (AIL) award

PUBLICATIONS	
1.	Ruberti S, Bianchi E, Guglielmelli P, et al. <i>Leukemia</i> 2018; 32 :438-449
2.	Bianchi E, Ruberti S, Rontautoli S, et al. <i>Int J Mol Sci.</i> 2017; 18 : E145.
3.	Bianchi E, Norfo R, Pennucci V, et al. <i>Blood</i> 2016; 127 :1249-59.
4.	Bianchi E, Bulgarelli J, Ruberti S, et al. <i>Cell Death Differ.</i> 2015; 22 :1906-21.
5.	Bianchi E, Zini R, Salati S, et al. <i>Blood</i> 2010; 116 :e99-110.