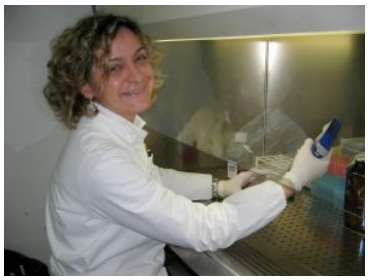
Elisa Bianchi



Personal data

Name: Elisa Bianchi
Date and place of birth: August 5, 1980, Scandiano (Reggio Emilia), Italy.
Citizenship: Italian.
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Education

Medical Biotechnologies degree (summa cum laude), 2004, University of Modena and Reggio Emilia.
Ph.D. in Biotechnology and Molecular Medicine, 2008, University of Modena and Reggio Emilia.

Current position

Since September 2015: Post Doc Research fellowship for the research work “Identification of the molecular mechanisms underlying stemness, differentiation and tumorigenesis/oncogenesis in epithelial and hematopoietic stem cells through an integrated biomolecular approach”; Department of Life Sciences, University of Modena and Reggio Emilia.

From 2012 to 2015: Researcher position as Local Coordinator for the FIRB “Futuro in Ricerca 2010” project “Dry eye syndromes treatment with regenerative medicine: molecular and cellular biology approaches for the characterization of mechanisms involved in the generation of unicellular mucin glands from conjunctival stem cells”, founded by the Italian Ministry for University and Research.

From 2008 to 2012: Post Doc Research fellowship for the research work “Study of normal and leukemic hematopoietic stem cells”; Department of Biomedical Sciences, University of Modena and Reggio Emilia.

Honors and Awards: She obtained two AIL (Italian Association against Leukemia, Lymphoma and Myeloma) awards in 2005 and one AICC (Italian Association for Cell Culture) award in 2009.

Scientific activity

The research activity of Dott. Elisa Bianchi is documented by 18 publications in extenso and 74 meeting abstracts.

Selected publications

1. **Bianchi E**, Norfo R, Pennucci V, Zini R, Manfredini R. Genomic landscape of megakaryopoiesis and platelet function defects. Blood. 2016 Jan 19.

2. **Bianchi E**, Bulgarelli J, Ruberti S, Rontauroli S, Sacchi G, Norfo R, Pennucci V, Zini R, Salati S, Prudente Z, Ferrari S, Manfredini R. MYB controls erythroid versus megakaryocyte lineage fate decision through the miR-486-3p-mediated downregulation of MAF. Cell Death Differ. 2015 Apr 10.

3. Tenedini E, Bernardis I, Artusi V, Artuso L, Roncaglia E, Guglielmelli P, Pieri L, Bogani C, Biamonte F, Rotunno G, Mannarelli C, **Bianchi E**, Pancrazzi A, Fanelli T, Malagoli Tagliazucchi G, Ferrari S, Manfredini R, Vannucchi AM, Tagliafico E. Targeted cancer exome sequencing reveals recurrent mutations in myeloproliferative neoplasms. Leukemia. 2014 May;28(5):1052-9.

4. Norfo R. °, Zini R. °, Pennucci V. °, **Bianchi E.,** Salati S., Guglielmelli P., Bogani C., Fanelli T., Mannarelli C., Rosti V., Pietra D., Salmoiraghi S., Bisognin A., Ruberti S., Rontauroli S., Sacchi G., Prudente Z., Barosi G., Cazzola M., Rambaldi A., Bortoluzzi S., Ferrari S., Tagliafico E., Vannucchi A.M., and Manfredini R. " miRNA-mRNA integrative analysis in primary myelofibrosis CD34+ cells: role of miR-155/JARID2 axis in abnormal megakaryopoiesis". Blood, 124(13):e21-32, 2014. °R.N., R.Z. and V.P. I.F.2013: 9.775

5. **Bianchi E,** Zini R, Salati S, Tenedini E, Norfo R, Tagliafico E, Manfredini R, and Ferrari S. “c-Myb supports erythropoiesis through the transactivation of KLF1 and LMO2 expression”. Blood, 2010.