

Samantha Ruberti, BCs

### Personal data

Name Samantha Ruberti  
Date and place of birth 06/03/1989, Suzzara (MN), Italy  
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### Education

2013: Master Degree in Medical and Pharmaceutical Biotechnology, University of Modena and Reggio Emilia. (final score: 110/110 cum laude). Thesis title: "Study of the role of the transcription factor c-Maf in the hematopoietic differentiation and in Primary Myelofibrosis pathogenesis". Supervisor: Prof. Rossella Manfredini

2011: Bachelor Degree in Biotechnology, University of Modena and Reggio Emilia. Thesis title: "Study of the regulatory mechanisms of the microRNA hsa-miR-16-2 expression". Supervisor: Prof. Rossella Manfredini

### Current Position

From January 2014: PhD student - PhD program in Molecular and Regenerative Medicine - XXIX cycle, University of Modena and Reggio Emilia. Prof. Rossella Manfredini, Department of Life Sciences, Centre for Regenerative Medicine

### Fellowships and awards

2014-2016 Doctoral Research Fellowship from University of Modena and Reggio Emilia. PhD program in Molecular and Regenerative Medicine. Supervisor: Prof. Rossella Manfredini

### Publications

1) Pennucci V., Zini R., Norfo R., Guglielmelli P., Bianchi E., Salati S., Sacchi G., Prudente Z., Tenedini E., **Ruberti S.**, et al. "Abnormal Expression patterns of WT1-as, MEG3 and ANRIL Long Non-Coding RNAs in CD34+ Cells from Patients with Primary Myelofibrosis and their Clinical Correlations".

Leuk Lymphoma, 2015 Feb;56(2):492-6. Epub 2014 Jun 16.

2) 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.**, et al. "miRNA-mRNA integrative analysis in primary myelofibrosis CD34+ cells: role of miR-155/JARID2 axis in abnormal megakaryopoiesis". Blood, 2014 Sep 25;124(13):e21-32. Epub 2014 Aug 5.

3) Bianchi E., Bulgarelli J., **Ruberti S.**, et al. "MYB controls erythroid versus megakaryocyte lineage fate decision through the miR-486-3p-mediated down-regulation of MAF". Cell death and differentiation, 2015 Dec;22(12):1906-21. Epub 2015 Apr 10.

4) Salati S., Zini R., Nuzzo S., Guglielmelli P., Pennucci V., Prudente Z., **Ruberti S.**, et al.; Integrative analysis of copy number and gene expression data suggests novel pathogenetic mechanisms in primary myelofibrosis. Int J Cancer. 2016 Apr 1;138(7):1657-69. Epub 2015 Nov 25.