

## Curriculum Vitae

PERSONAL DATA	
Name	Sebastian Fantini
Date/place of birth	05/06/1982, Scandiano (RE), ITALY
Work address	Centre for Regenerative Medicine, Dept. of Life Sciences, University of Modena and Reggio Emilia, Via G. Gottardi 100, 41125 Modena, Italy
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EDUCATION			
Name of Institution	Location (City, Country)	Degree	Year
University of Modena and Reggio Emilia	Modena, Italy	PhD degree in Molecular and Regenerative Medicine	2011
University of Modena and Reggio Emilia	Modena, Italy	Master's Degree in Biological Sciences	2007
University of Modena and Reggio Emilia	Modena, Italy	Bachelor's Degree in Biological Sciences	2005

RESEARCH EXPERIENCE		
From - To	Position	Research activity
2019-today	Post Doc Research fellow	Discover novel therapeutic targets in chronic Myeloproliferative Neoplasms (MPN)
2016-2017	Post Doc Research fellow	Production of recombinant proteins for industry
2011-2016	PostDoc Research fellow	Role of microRNA-196b in the pathogenesis of human colon cancer
2008-2011	PhD student	Role of CDX2 and HOXs proteins in the transcriptional regulation of microRNA-196b

TECHNICAL SKILLS AND COMPETENCES
<p>- <b>Molecular Biology:</b> DNA and RNA extraction, DNA cloning, RT-PCR, Semi-quantitative and real-time PCR (qPCR), OpenArray, Microarray, Chromatin Immunoprecipitation (ChIP) assays, EMSA assays, Luciferase assays, proliferation assays, microRNA detection by qPCR, co-immunoprecipitation assay, Western Blot, protein extraction and purification.</p> <p>- <b>Cellular Biology:</b> adherent and suspension cell culture, transient transfection of DNA, siRNAs and miRNAs, immunomagnetic cell purification, lentivirus transduction, flow-cytometry, immunofluorescence, immunohistochemistry, immunomagnetic cell isolation.</p> <p>- <b>Animal handling:</b> inbreed/outbreed and transgenic mouse colonies maintenance.</p>

AWARDS	
2011	EMBO short-term fellowship at FMI Institute, Basel, Switzerland
2008 - 2010	PhD Fellowship Italian Ministry of Education, University and Research (MIUR)

PUBLICATIONS	
1.	Fantini S, Salsi V, Zappavigna V. <i>Biochim Biophys Acta</i> 2018; 11; 1869: 230-47.
2.	Fantini S, Salsi, V, Reggiani L, et al. <i>Oncotarget</i> 2017; 8: 4747-759.
3.	Salsi V, Fantini S, Zappavigna V. <i>Cell Cycle</i> , 2016; 15: 2275-287.
4.	Fantini S, Salsi V, Vitobello A, et al. <i>Biochim Biophys Acta</i> 2015; 1849: 1066-80.
5.	Salsi V, Ferrari S, Gorello P, et al. <i>Cancer Research</i> , 2014; 74: 1079-90.