

Curriculum Vitae



PERSONAL DATA	
Name	Francesca Gesullo
Date/place of birth	23/04/1991 Prato
Citizenship	Italian
Work address	Viale Pieraccini 6, Padiglione 27b CUBO 3, 50139 Florence, Italy
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EDUCATION			
Name of Institution	Location (City, Country)	Degree	Year
University of Florence	Florence, Italy	Masterful degree in medical and pharmaceutical Biotechnology	2015
University of Florence	Florence, Italy	First level degree in Biotechnology	2013

RESEARCH EXPERIENCE		
From - To	Position	Research activity
March 2017-Ongoing	Research fellow	NGS sequencing of myeloid genes in patients with systemic mastocytosis
February 2016-February 2017	Scholarship	Study of <i>AKR1C3</i> function in the pathogenesis and progression of primary myelofibrosis and its potential role as a therapeutic target
January 2014-October 2015	Internship	Systemic mastocytosis: <i>c-KIT</i> and <i>ETNK1</i> mutational analysis
March 2013-December 2013	Internship	Development and characterization of molecular techniques for the study of <i>c-KIT</i> mutation and <i>FP1L1-PDGFRa</i> rearrangement in mastocytosis and in the hypereosinophilic syndrome

TECHNICAL SKILLS AND COMPETENCES
Peripheral blood and bone marrow samples processing. Storage of cellular fractions and nucleic acids of patients with established diagnosis. Immunomagnetic separation. Dna/Rna, purification and use. Agarose gel. PCR Technique. High Resolution Melting Analysis. Real Time PCR, Sanger sequencing and analysis. Next Generation Sequencing. Cytofluorimetric Analysis.

AWARDS
Travel Grant: XIV Congresso Nazionale SIES , Rimini (October19-21, 2016) Oral Abstract N. 0200 : "Study and molecular characterization of patients with systemic mastocytosis"

PUBLICATIONS	
1.	Loscocco GG, Mannarelli C, Pacilli A, et al. Am J Hematol. 2016;9:E356.
2.	Pieri L, Bonadonna P, Elena C et al. Am J Hematol. 2016 ;91:692-9.