

PERSONAL INFORMATION

Lavinia Beatrice Giva

 Via G.Tiraboschi 63, 41124 Modena (Italy)

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Sex Female | **Date of birth** 20/04/1989 | **Nationality** Italian

WORK EXPERIENCE

11/2014–Present

Ph.D. Student

Molecular Endocrinology Laboratory - Nuovo Ospedale Civile S. Agostino-Estense, Baggiovara (Italy)

06/2014–08/2014

Graduated Trainee

National Genetics Reference Laboratory (NHS Foundation Trust) - District Hospital, Salisbury, (United Kingdom)

Voluntary work placement conducted during this period focused on analyzing the low level acquired mutations using droplet digital PCR. In particular, our studies optimised and evaluated assays for JAK2 V617F and KIT D816V (involved in the pathogenesis of Myeloproliferative Neoplasms and Mastocytosis respectively) using samples from large cohorts of affected and normal individuals.

Business or sector Genetics Research

04/2012–04/2014

Student Researcher

Center for Genome Research - University of Modena and Reggio Emilia, Modena (Italy)

This project was concerned with understanding the molecular complexity of Philadelphia-negative Myeloproliferative Neoplasms. The aim was to investigate the incidence of mutations in genes already known to be implicated in cancer pathogenesis, through new genomic high-throughput techniques such as Next Generation Sequencing.

Business or sector Genome Research

06/2010–10/2011

Student Researcher

Laboratory of Gene Expression and Developmental Biology - University of Modena and Reggio Emilia, Modena (Italy)

The aim of this research project was to develop and set up a tetracycline inducible expression system for the production of the NUP98-HOXD13 oncoprotein (a fusion one involved in the pathogenesis of Acute Myeloid Leukemia), through lentiviral vectors.

Business or sector Molecular and Cell Biology

EDUCATION AND TRAINING

11/2014–Present

Doctor of Philosophy (Ph.D.), Clinical and Experimental Medicine

University of Modena and Reggio Emilia, Modena (Italy)

11/2011–04/2014

Postgraduate's Degree in Medical and Pharmaceutical Biotechnology

110/110 cum Laude

University of Modena and Reggio Emilia, Modena (Italy)

Thesis Title: "Targeted cancer exome sequencing reveals recurrent mutations in Myeloproliferative Neoplasms"

09/2008–10/2011 **Bachelor's Degree in Biotechnology**
University of Modena and Reggio Emilia, Modena (Italy)
Thesis Title: "Development and setting up of an inducible lentiviral expression system for the production of the NUP98-HOXD13 oncoprotein"

09/2003–06/2008 **Secondary School specialising in scientific subjects**
Liceo Scientifico A.Tassoni, Modena (Italy)
Information Technology National Plan

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills Excellent relational/communication skills, aptitude for co-operation and teamwork even in a multicultural environment.

Sense of organisation, determination, will to learn, self-motivated, ability to work in complete autonomy.

Great ability to think critically and synthesize information.

Ability to set goals, organize data and information, identify problems and find creative and alternative solutions.

Job-related skills During Bechlar and Postgraduate Internship I acquired independence in the following methods:

- Droplet Digital PCR (DdPCR)
- Vector cloning
- Cell culture
- Western Blotting
- Immunofluorescence
- Gene Expression Profiling (Affymetrix)
- Next Generation Sequencing (Ion Torrent PGM and Roche GS FLX 454)

Computer skills Use of Windows and Macintosh.
Good command of photo editing software as an amateur photographer.

Driving licence B

Related document(s): [B2 English Certificate.pdf](#)

ANNEXES

- B2 English Certificate.pdf

B2 English Certificate.pdf

