

**PERSONAL INFORMATION** Irene Forno

**JOB APPLIED FOR** Biologist

**WORK EXPERIENCE**

- January 2011 – January 2014 PhD program in Molecular Medicine, curriculum Molecular Oncology  
Pathology Department, University of Milan, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan (Italy)
- March 2010 – January 2011 Experimental laboratory training  
Pathology Department, S.Paolo Hospital, University of Milan
- September 2008 – May 2009 Experimental laboratory training  
Department of Veterinary Pathology, Hygiene and Public Health - University of Milan
- June 2005 – October 2006 Experimental laboratory training  
Department of Anatomy of Domestic Animals - University of Milan

**Other work experience**

- January 2014 – July 2014 Waitress and cashier  
202 Hamburger and delicious, Milan
- December 2007 – January 2009 Christmas setting up  
Maniblu animazione, Milan

**EDUCATION AND TRAINING**

- 2011– 2014 PhD in molecular Medicine  
Pathology Department University of Milan, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan (Italy)  
Thesis title: "Expression analysis of microRNA in prostate cancer and identification of novel diagnostic biomarker"
- 2007 – 2009 Graduated with honors in Veterinary Biotechnology  
Faculty of Veterinary Medicine, University of Milan  
Vote 110/110 with honors. Thesis title: "microRNA quantitative expression analysis in canine haematopoietic neoplasm"
- 2002 – 2006 Bachelor in Veterinary biotechnologies  
Faculty of Veterinary Medicine, University of Milan  
Vote 100/110. Thesis title: "Studio della relazione tra il profilo di espressione di alcuni geni del cumulo ooforo e la qualità dell'ovocita"
- 2007 – 2011 Language Training Centre of the Municipality of Milan  
Bi-weekly English course, intermediate-advanced level
- 1998 – 2002 Classical A levels  
Liceo Classico Tito Livio, Milan - Vote 85/100



## PERSONAL SKILLS

Mother tongue(s) **Italian**

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2
French	B1	B2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user [Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu)

Communication skills Ability to work in team gained through laboratory work and boy scouts. Good skills in public relations gained through working as waitress. Experience in presentations to a large audience.

Organisational / managerial skills Good ability to manage orders, contacts with suppliers and inventory handling. Organisational skills, emergency management, budget management, annual planning of the work of education and entertainment gained through Scouting. Enrolled for Scout since 1990 and scout leader since 2004 for children in the age group of 8-11 and 16-20 years.

Job-related skills

- MicroRNA profiling of fresh, FFPE or laser microdissected tumour and normal samples
- RT-PCR and Real Time RT-PCR, miRNA Low Density Array;
- RNA extraction from serum samples;
- Statistical and bioinformatics analyses;
- Ex vivo culture of organotypic tissue slices from cancer or normal samples;
- Cell cultures and cell transfection with miRNA mimic and inhibitors;
- MTT proliferation assay, cell invasion and migration assay
- miRNA in situ hybridization, immunofluorescence;
- Cut with a cryostat frozen sections; staining with hematoxylin and eosin and coverslip slide mounting; Tissue Micro Array design and construction;

### Scientific publications:

- miR-296/Scribble axis is deregulated in human breast cancer and miR-296 restoration reduces tumour growth in vivo.  
Savi F, Forno I, Favarsani A, Luciani A, Caldiera S, Gatti S, Foa P, Ricca D, Bulfamante G, Vaira V, Bosari S. Clin Sci (Lond). 2014 Aug;127(4):233-42. **Impact Factor: 5.629**
- The microRNA cluster C19MC is deregulated in parathyroid tumours.  
Vaira V, Elli F, Forno I, Guarnieri V, Verdelli C, Ferrero S, Scillitani A, Vicentini L, Cetani F, Mantovani G, Spada A, Bosari S, Corbetta S. J Mol Endocrinol. 2012 Jul 26;49(2):115-24. Print 2012 Oct. **Impact Factor: 4.746**
- A high percentage of BRAFV600E alleles in papillary thyroid carcinoma predicts a poorer outcome.  
Guerra A, Fugazzola L, Marotta V, Cirillo M, Rossi S, Cirello V, Forno I, Moccia T, Budillon A, Vitale M. J Clin Endocrinol Metab. 2012 Jul;97(7):2333-40 **Impact Factor: 6.43**
- The primary occurrence of BRAF(V600E) is a rare clonal event in papillary thyroid carcinoma.  
Guerra A, Sapi MR, Marotta V, Campanile E, Rossi S, Forno I, Fugazzola L, Budillon A, Moccia T, Fenzi G, Vitale M. J Clin Endocrinol Metab. 2012 Feb;97(2):517-24. **Impact Factor: 6.43**
- Immunophenotype-related microRNA expression in canine chronic lymphocytic leukemia.  
Gioia G, Mortarino M, Gelain ME, Albonico F, Ciusani E, Forno I, Marconato L, Martini V, Comazzi S, Vet Immunol Immunopathol. 2011 Aug 15;142(3-4):228-35. **Impact Factor: 2.076**

Computer skills Good command of Microsoft Office tools and database, good knowledge of graphic design applications, good command of statistical programs (GraphPad, BRB Array tools, MedCalc, Ministat). Good command of Mendeley (bibliography program)

Attachments Degree and PhD certificate, photocopy of identity card;

Milano, 09/09/2014

Autorizzo al trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali. Autorizzo altresì al trattamento dei dati e alla pubblicazione sul sito web della Fondazione IRCCS, ai sensi della normativa vigente ed in particolare dell'art. 15 del d.lgs. n. 33 del 14 marzo 2013

