

PERSONAL INFORMATION

Federica Barbieri



Professional Address

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Date of birth 28/03/1964 | Nationality Italian

POSITION

Assistant Professor, PhD

WORK EXPERIENCE

- From 2010- **Assistant Professor**
Section Pharmacology - Dept. Internal Medicine – University of Genova
- 2004-2010 **Post doc researcher**
Section Pharmacology - Dept. Oncology, Biology and Genetics – University of Genova ,
- 2001-2004 **Senior research fellow**
Lab. Pharmacology and Neuroscience - National Cancer Research Institute, Genova - Italy
- 1997-2000 **PhD in Pharmaceutical Sciences**
University of Genova
- 1992-1996 **Research fellow (Oncology Research, National Research Council C.N.R.)**
Lab. Experimental Pharmacology - National Cancer Research Institute, Genova – Italy
- 1989-1991 **Post-graduate Fellowship Italian Association for Cancer Research (AIRC) Lab.Experimental Pharmacology-** National Institute for Cancer Research (IST)
Genova

EDUCATION AND TRAINING

- 2000 **PhD in Pharmaceutical Sciences - Thesis “Evaluation of the antitumor activity of organometallic and heterocyclic compounds”**
University of Genova
- 1989 **Qualified Biologist Profession**
University of Genova

- 1988-1989 **Research training**
Lab. Pharmacology National Cancer Research Institute Genova- Italy
- 1987 **M.S. in Biological Sciences (Biochemistry) –Thesis: “A new methodology to detect chromatin conformational changes”**
University of Genova
- 1985-1987 **Internship Lab. Chemical Cancerogenesis - Department of Oncology, Biology and Genetics - University of Genova -Italy**
University of Genova

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B1	B2
First Certificate in English (University of Cambridge – 1981)					
French	C1	C1	B2	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Educational activities

- [**University of Genova, School of Medical and Pharmaceutical Sciences**
Course of Pharmacology (Nursing - Medicine – Obstetrics – Cardiac Physiopathology Technician-Dietitian)
Course of Toxicology (Nursing)
Course of Ocular Pharmacology (Orthoptic and ophthalmologic assistance)
- [**PhD Course in Neurosciences**
- [**Mentoring**
Mentoring of graduate (and undergraduate) students toward completion of Master or PhD degrees, including research-related activities, as: daily interactions in the lab and discussions of paper.

Institutional Responsibilities

- 2012-2015 Member of Giunta Dept. of Internal Medicine (Di.M.I.),
- 2013- Member of the Center of Excellence for Biomedical Research (CEBR) University of Genova
- 2001- Member of the Center of for research and clinical management of brain tumors. (University of Genova, IRCCS-IST, Osp. San Martino-Genova)
- Member REPRISE -Register of Expert Peer Reviewers for Italian Scientific Evaluation (MIUR)

Job-related skills	<p>Experience in the design, execution, and analysis of biochemical, molecular, and/or cellular assays.</p> <p>Experience with mammalian cell culture, including the ability to isolate and characterize cancer stem cells and primary culture from human and animal tissues</p> <p>Extensive knowledge for the cancer disease in both human and animal models.</p> <p>Extensive experience using immunohistochemistry techniques</p> <p>Use of digital cameras, bright light, fluorescence and confocal microscopy.</p> <p>Extensive knowledge of molecular mechanisms involved in the development and progression of cancer and molecular pathology.</p> <p>Protein and Molecular techniques and procedures</p> <p>Knowledge of RNA, DNA and protein isolation from various tissues/sources;</p> <p>Knowledge of the cellular and molecular biology, cancer biology and cellular signaling pathways;</p> <p>Interpretation and analysis of laboratory data, manuscripts, preparation and grant writing.</p>
Computer skills	<ul style="list-style-type: none">▪ familiar with Microsoft Office™ tools, image analysis software, Adobe Photoshop or other graphics software, working knowledge of CompusSyn, GraphPad and statistics SSPS software

ADDITIONAL INFORMATION

Publications (12/2015)	<p>Authorship: 77 publications including:</p> <ul style="list-style-type: none">- 77 in extenso (67 international journals with impact factor), <p>(17 Reviews , 9 with Impact Factor);</p> <p>12 book chapters and Proceedings.</p>
Honours and awards	<ul style="list-style-type: none">[Italian Association for Cancer Research (A.I.R.C.) Fellowship Award
Grants	<ul style="list-style-type: none">[Italian Association for Cancer Research (A.I.R.C.) 2012-2015 (IG13458) Title: "Tumor initiating cells from malignant pleural mesothelioma: biological and pharmacological characterization". Responsibility <u>Principal Investigator</u>.[Research Grant PRA 2012 of the University of Genova. Responsibility: <u>Principal Investigator</u>.[Research Grant PRA 2014 of the University of Genova. Responsibility: <u>Principal Investigator</u>.

Genova, December 28th, 2015