

PERSONAL INFORMATION

Elena Beltramo



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WORK EXPERIENCE

01/09/1999 - Present

Research Technician

Dept of Medical Sciences - University of Turin, Torino (Italy)

Coordinator of basic research activity at the Diabetic Retinopathy Unit directed by prof. M. Porta.

The main area of interest of the Unit is the study of the molecular and cellular mechanisms responsible for the pathogenesis of diabetic microvascular disease, in particular diabetic retinopathy. Throughout the years, the mechanisms and markers underlying the damage caused by excess glucose, hypoxia and inflammation, to the cells belonging to the inner blood-retinal barrier, and the possible beneficial role of several anti-inflammatory, antioxidant and neuroprotective compounds, have been addressed. The group has also performed a functional and molecular analysis of miRNAs/mRNAs/proteins carried by circulating extracellular vesicles in diabetic subjects with or without diabetic retinopathy, to identify potential novel biomarkers.

Fund-raising activity, involving the design and writing of Italian and International Research Projects (Compagnia di San Paolo, Società Italiana di Diabetologia, Regione Piemonte, MIUR, EFSD - European Foundation for the Study of Diabetes, JDRF – Juvenile Diabetes Research Foundation, VII European Framework Programme – Health 2011, Horizon 2020).

Peer-Reviewer for: Experimental Eye Research, Molecular Vision, Journal of Molecular and Cellular Cardiology, Clinical Ophthalmology, Pharmacological Research, Diabetes Metabolism Research and Reviews, Molecular and Cellular Biochemistry, Expert Opinion On Therapeutic Targets, Acta Diabetologica, Diabetologia, Acta Ophthalmologica, PLOSOne, Molecular Basis of Disease, Life Science.

Mentor for students in Medicine, Biology and Biotechnology, and PhD.

2010 - 2015

Elected Member of the Academic Senate of the University of Torino and of the Senate Commissions for Scientific Research, and for Planning & Development.

01/11/1996 - 31/08/1999

Research Technician

Dept of Veterinary Morphophysiology - University of Turin, Torino (Italy)

Trasmission electron microscopy

EDUCATION AND TRAINING

01/11/1992 - 31/10/1996

PhD in Endocrinological and Metabolic Sciences

University of Milan, Milano (Italy)

01/11/1986 - 04/03/1992

Bachelor/Master Degree in Biological Sciences

University of Turin, Torino (Italy)

15/09/1981 - 05/07/1986

High School Diploma in Scientific Studies

Liceo scientifico "P.Gobetti", Torino (Italy)

PERSONAL SKILLS

Mother tongue Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Cambridge ESOL C2 - Certificate of Proficiency In English					
French	B1	B1	B1	B1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills acquired during several scientific meetings, conferences and invited lectures.

Organisational / managerial skills Leadership (responsible for laboratory team).
 Good organisational skills, gained as coordinator of the Laboratory of Diabetic retinopathy, as well as in the task of harmonising work and family, managing the daily routine of three children of different ages.

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
	Proficient user	Proficient user	Independent user	Proficient user	Independent user

Digital skills - Self-assessment grid

Good command of office suite (word processor, spread sheet, presentation software).

Good command of photo editing and video making software, gained as an amateur photographer.

Driving licence A, B

Additional information
Scopus Author ID: 6603105024
OrcidID: 0000-0002-7868-0988
Publications: 32 original papers in indexed journals, 7 reviews, 7 book chapters, 102 published abstracts
Oral communications and lectures: 60 oral communications and 9 invited lectures at international conferences
Patent: Creation of an immortalized human pericyte line (Bmi-HRP)
H-Index (Scopus): 18
Total citations: 907

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Date 21.05.2021

Signature

