

## PERSONAL INFORMATION

## Elena Beltramo



📍 Dept Medical Sciences - Corso Dogliotti 14, 10126 Torino (Italy)

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✉ elena.beltramo@unito.it

## WORK EXPERIENCE

01/09/1999 – to date

**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 several indexed medical journals

**Tutor** for students in Medicine, Biology and Biotechnology, and PhD.

2021 - to date

**Fund-raising activity for the Dept of Medical Sciences**, University of Turin. Scouting of funding opportunities, newsletters, project writing support

2022 – to date

**Prevention and Protection Service Officer**, **Dept of Medical Sciences**, University of Turin

2019 – to date

**Teaching Assistant in Histology**, Degree Courses in Paediatric Nursing and Obstetrics, University of Turin.

2022- to date

**Research Grant Specialist** – Start-up Mind To Move

2010 - 2015

**Elected Member of the Academic Senate** of the University of Torino, 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)

Transmission 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

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.

### Additional information

**Scopus Author ID:** 6603105024

**OrcidID:** 0000-0002-7868-0988

**Publications:** 35 original papers in indexed journals, 9 reviews, 7 book chapters, 104 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):** 20

**Total citations:** 1142

Torino, 21.03.2023

