

PERSONAL INFORMATION Paola Carla Giussani

JOB POSITION Associate Professor BIO/10- Biochemistry  
 STUDIES Degree in BIOLOGICAL SCIENCES, PhD in BIOCHEMISTRY

WORK EXPERIENCE 

- 2018 to today Associate Professor SSD BIO/10- Biochemistry  
 Department of Medical Biotechnology and Translational Medicine, University of Milan
- 2006-2018 Assistant Professor, SSD BIO/10-Biochemistry - Department of Medical Biotechnology and Translational Medicine, University of Milan
- 2004-2018 Researcher scientist, SSD BIO/10-Biochemistry - Department of Chemistry, Biochemistry and Biotechnology for Medicine, then merged into the Department of Medical Biotechnology and Translational Medicine, University of Milan
- 2000-2003 Postdoctoral fellow - Department of Medical Chemistry and Biochemistry, University of Milan
- 1999 Holder of a research contract financed by Consorzio Milano Ricerche at Department of Chemistry, Biochemistry and Biotechnology for Medicine, University of Milan
- 1995-1998 Research doctorate fellow, Department of Medical Chemistry and Biochemistry, University of Milan
- 1994-1995 Laboratory experience, during the training period at the Department of Medical Chemistry and Biochemistry, University of Milan
- 1992-1994 Laboratory experience, during the thesis period, at the Department of Medical Chemistry and Biochemistry, University of Milan

EDUCATION AND TRAINING 

- 1999 Ph.D. in Biochemistry, University of Milan
- 1994 Degree in Biology, University of Milan
- 1988 High School Degree in Scientific Education, Erba, (Co)

PERSONAL SKILLS 

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
French	Basic user	Basic user	Basic user	Basic user	Basic user

**Communication skills** good communication skills gained through my experience as teacher and speaker at national and international meetings

**Organisational / managerial skills**

1997 - today responsible of the Functional Biochemistry and of the fluorescence Microscopy and video imaging laboratories at the Department of Chemistry, Biochemistry and Biotechnology for Medicine, then merged into the Department of Medical Biotechnology and Translational Medicine, University of Milan, sezione Laboratori Interdisciplinari di Tecnologie Avanzate (L.I.T.A.) Segrate. In the above mentioned laboratories I carry out my research coordination activities.

In 2003 participated as organizer of “The first undergraduate biochemistry research symposium” - Virginia Commonwealth University, Richmond, Virginia, USA

a.a. 2014-2015 I was member of the commissione riesame annuale e ciclico for the Master’s degree program in Medical Biotechnology and Molecular Medicine

a.a. 2015-2016 I was member of the commissione riesame annuale e ciclico for the degree program in Medical Biotechnology

In 2015 and in 2017 I was responsible of the organization activity of Meet me Tonight (notte bianca dei ricercatori) for the Department of Medical Biotechnology and Translational Medicine, University of Milan

a.a 2016-2017 I was one of the organizers of the “Biometra Seminars”, scientific seminars of the Department of Medical Biotechnology and Translational Medicine, University of Milan

In 2017 I was one of the organizers of the “Workshop BIOMETRA”, scientific day of the Department of Medical Biotechnology and Translational Medicine, University of Milan

2017 - today I am referent AQ (Assicuratore di Qualità) for the degree program in Medical Biotechnology

<b>Job-related skills</b>	<p>I am supervisor of experimental thesis for students of the degree program in Medical Biotechnology And of the Master's degree program in Medical Biotechnology and Molecular Medicine</p> <p>In 2016 I was member of the admissions committee to the XXXII ciclo of the PhD program in Scienze Biochimiche</p> <p>I participate to carry out the planning and organization of the training internship for students of the degree in Medical Biotechnology</p> <p>Teaching of courses for M.Sc and PhD programmes. In detail I was involved in the organization and teaching for the following courses:</p> <ul style="list-style-type: none"> <li>– corso di Biochimica per i corsi di laurea di Biotecnologie (corso interfacoltà) e Biotecnologie Mediche (corso di laurea triennale)</li> <li>– Corso integrato di <i>Chimica biologica</i> per il Corso di Laurea in Medicina e Chirurgia dell'Università degli Studi di Milano</li> <li>– Corso di Chimica e biochimica del corso di Laurea in Podologia dell'Università degli Studi di Milano</li> <li>– Corso di Biochimica del corso di Laurea in Fisioterapia dell'Università degli Studi di Milano</li> <li>– Corso di Scienze Precliniche Biomediche E Umane- Modulo di biochimica del corso di Laurea in Fisioterapia dell'Università degli Studi di Milano</li> <li>– Corso Integrato di Esercitazioni di Laboratorio del Corso di Laurea Specialistica Biotecnologie Mediche e Medicina Molecolare.</li> <li>– Corso di From Atoms to cells del corso di Laurea International Medical School dell'Università degli Studi di Milano</li> <li>– Corso di Functions del corso di Laurea International Medical School dell'Università degli Studi di Milano</li> <li>– Corso di Biochimica e fondamenti di biochimica umana per il corso di laurea in Biotecnologie Mediche dell'Università degli Studi di Milano</li> <li>– Corso di Biochimica umana per il corso di laurea magistrale in Biotecnologie Mediche e Medicina Molecolare dell'Università degli Studi di Milano</li> <li>– Corso di Modelli Sperimentali e basi della terapia biotecnologica per il corso di laurea magistrale in Biotecnologie Mediche e Medicina Molecolare dell'Università degli Studi di Milano</li> <li>– Corso di Human biochemistry per il corso di laurea magistrale in Medical Biotechnology and Molecular Medicine dell'Università degli Studi di Milano</li> </ul> <p>Since 1994 I carry out my research activity at Department of Chemistry, Biochemistry and Biotechnology for Medicine, then merged into the Department of Medical Biotechnology and Translational Medicine, University of Milan. I carry out my research activity also in collaboration with different national and international research groups. The scientific activity developed in the field of lipid biochemistry, focusing the interest on the sphingolipid metabolism (in particular ceramide e sphingosine-1-phosphate) and on their role in the regulation of both physiological and pathological cellular functions: in particular, I carried out my research activity in the following fields;</p> <ol style="list-style-type: none"> <li>1) Metabolism and role of bioactive sphingolipids in the regulation of neuronal differentiation</li> <li>2) Metabolism and role of bioactive sphingolipids in the control of glial cell proliferation</li> <li>3) Metabolism and functional role of bioactive sphingolipids in glioblastomas</li> <li>4) Metabolism and functional role of bioactive sphingolipids in type 2 diabetes</li> <li>5) Role of bioactive sphingolipids in the microglia-neurons communication</li> </ol>
<b>Driving licence</b>	<p>B</p>

 ADDITIONAL INFORMATION

- Publications
- Presentations
- Projects
- Conferences
- Seminars
- Honours and awards
- Memberships
- References
- Citations
- Courses
- Certifications

The results obtained during my research activity are documented by 37 papers in peer-reviewed journals, 1 book chapter, 49 communications to international meetings and 30 communications to national meetings.

*Referee* for the following scientific international journals:

FEBS Letters, Journal of Neurochemistry, Journal of Cellular Biochemistry, Plos ONE, Journal of experimental and clinical cancer research, Scientific Reports, Human Molecular Genetics and Bioscience and Bioengineering

Review editor of the journal “Frontiers in Neurology”

Referee for grant proposal to:

“Initiative of Excellence” dell’Università di Tolosa (2015); Israel Science Foundation (2018)

I presented as talk the results obtained with my research activity to the following national and international meetings (in some of them as invited speaker):

- 1996 V incontro dei giovani biochimici dell’area milanese, (Gargnano, Brescia)
- 1998 XI riunione “A. Castellani” dei dottorandi di ricerca in discipline biochimiche (Brallo di Pregola, Pavia)
- 1998 IV° Convegno Nazionale su: Aspetti biologici dell’ossido d’azoto (Urbino)
- 2001 Riunione della Sezione Liguria-Lombardia-Piemonte della Società Italiana di Biochimica e Biologia Molecolare (Pavia)
- 2002 37<sup>th</sup> Annual Southeastern Regional Lipid Conference (Cashiers, U.S.A.)
- 2005 VII European Meeting on ‘Glial cell function in health and disease’ (Amsterdam, NL)
- 2005 50<sup>th</sup> SIB, Riccione 2005, Riunione gruppo di Neurochimica (Riccione)
- 2006 5<sup>th</sup> International Meeting of the Sphingolipid Club (Caella de la Costa, Spain)
- 2008 7<sup>th</sup> Sphingolipid Club International Meeting”, Leiden (The Netherlands)
- 2010 55<sup>th</sup> National Meeting of the Italian Society of Biochemistry and Molecular Biology (SIB)”, Milano (Italy)- *invited speaker*
- 2011 9<sup>th</sup> Sphingolipid Club International Meeting”, Favignana (Italy)
- 2013 10<sup>th</sup> Sphingolipid Club International Meeting”, Assisi (Italy)
- 2013 “Convegno Biometra”, Humanitas Milano (Italy) - *invited speaker*
- 2015 “I Venerdì di Farmacologia”, Istituto di Neuroscienze CNR, via Vanvitelli, Milano (Italy) - *invited speaker*
- 2015 “BIOMETRA SEMINARS 2014-2015”, LITA Segrate, Milano (Italy)- *invited speaker*
- 2016 Incontro dei giovani biochimici dell’area milanese, (Gargnano, Brescia) (Italy)- *invited speaker*
- 2017 9<sup>th</sup> International Ceramide Conference (Port Jefferson, Long Island, NY, USA)
- 2017 51<sup>th</sup> Congresso Nazionale SIB 2017, Caserta (Italy)- *invited speaker*
- 2018 Breakfast Meeting, Sphingolipid alterations in human pathologies, Ospedale San Paolo, Milano (Italy)- *invited speaker*

Member of the following scientific societies:

Società Italiana di Biochimica; Sphingolipid Club; European Society of Neurochemistry; International Society of Neurochemistry; Federation of European Neuroscience Society-FENS

Awards;

“Postdoctoral Research Award” Southeastern Regional Lipid Conference (Cashiers, North Carolina, U.S.A.) 2002

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section “Amministrazione trasparente”, “Consulenti e collaboratori”.

Date, February 11<sup>th</sup>, 2019

Signature

