

PERSONAL INFORMATION Alessandro Ennio Giuseppe Prinetti
Born in Milano, November 6th 1965, married, one child

WORK EXPERIENCE

- 2012-present Full Professor of Biochemistry, Department of Medical Biotechnology and Translational Medicine, School of Medicine, University of Milan, Milan, Italy
- 2008-2012 Full Professor of Biochemistry, Department of Medical Chemistry, Biochemistry and Biotechnology, School of Medicine, University of Milan, Milan, Italy
- 2002-2008 Associate Professor of Biochemistry, Department of Medical Chemistry, Biochemistry and Biotechnology, School of Medicine, University of Milan, Milan, Italy
- 1999-2002 Research Scientist, Department of Medical Chemistry, Biochemistry and Biotechnology, School of Medicine, University of Milan, Milan, Italy
- 1997-1998 Senior Fellow, Department of Pathobiology, School of Public Health and Community Medicine, University of Washington, Seattle, USA
- 1992-1997 Research Doctorate Fellow, Department of Medical Chemistry, Biochemistry and Biotechnology, School of Medicine, University of Milan, Milan, Italy

EDUCATION AND TRAINING

- 1984 B.Sc. Liceo A. Volta, Milano (60/60)
- 1992 M.Sc. in in Pharmaceutical Chemistry with Honors, University of Milano
- 1997 Ph. D. in Biochemistry (1997)

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
German	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER

Gröses Deutsches Sprachdiplom. Goethe Institut.

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

Communication skills Excellent communication skills gained through my experience as teacher and speaker at national and international meetings.

Organisational / managerial skills

- Coordinator of the Glycobiology Group of the Italian Society of Biochemistry and Molecular Biology (2008 -2014).
- Council Member (2009-2015) and Secretary (2011-2015) of the European Society for Neurochemistry (ESN)
- President (2015-2017) of the European Society for Neurochemistry (ESN)
- Council Member (2011-2015 and 2017-2021) of the International Society for Neurochemistry (ISN)
- Chair of the ISN Conference Committee (2013-2015)
- Member of the ISN CAEN (2013-2015)
- Chairman of the International Meeting "Glycobiology of Lipid Membrane Domains: from Membrane Organization to Biological Function", Monte Oliveto Maggiore (Siena), Italy (Satellite Meeting of the XVIII International Symposium on Glycoconjugates") (2005).
- Chairman of the 4th ISN Special Neurochemistry Conference "Membrane Domains in CNS physiology and pathology" Erice, Italy (2010)
- Director of the ISN School "Lipidomics in the nervous system cells", Acitrezza, Italy, (2010).
- Member of the Program Committee of the 5th and 6th Int. Charleston Ceramide Conference (2009, 2011)
- Member of the Scientific Committee of the 55th National Meeting of the Italian Society of Biochemistry and Molecular Biology (2010)
- Member of the International Scientific Advisory Committee of the 5th ISN Special Neurochemistry Conference "Synapses and dendritic spines in health and disease" (2012)
- Member of the International Programme Committee of the 5th ESN Conference on advances in molecular mechanisms underlying neurological disorders, Joint Conference of the European Society for Neurochemistry and the Biochemical Society, Bath, UK (2013)
- Member of the Local Organizing Committee of the ESN Conference "Molecular Mechanisms of Regulation in the Nervous System" Tartu, Estonia (2015)
- Member of the International Organizing Committee of "Nutraceuticals in Neurodegenerative diseases and Aging", Satellite Meeting of the 25th Meeting of the International Society for Neurochemistry, Singapore (2015)
- Member of the Programme Committee of the ISN/ESN joint meeting (Paris, France, 2017)
- Chair of the ISN Committee for Aid and Education in Neurochemistry (CAEN) (2017-)
- Member of the Programme Committee for the 23rd ESN Biennial Meeting - 7th Conference on Molecular Mechanisms of Regulation in the Nervous System (Milan, Italy, 2019).
- Session Chair at the 2018 "Glycolipid and sphingolipid biology" GRC, Galveston, Texas
- Chair of the ISN CAEN (2017-)
- Member of the ISN Conference Committee (2017-)
- Co-chair of the 25th International Symposium on Glycoconjugates (Milano, Italy, 2019)
- Member of the Programme Committee of the 23rd ESN Biennial Meeting - 7th Conference on Molecular Mechanisms of Regulation in the Nervous System (Milano, Italy, 2019)

From 2017, member of the Steering Committee of the Medical School, University of Milano
From 2017, responsible of the PhD course in Biochemical Sciences, University of Milano

- Job-related skills
- Teaching and organization of courses for M.Sc, PhD and international teaching programmes.
 - In detail, I was involved in the organization and teaching for the following courses:
 - Corso di Laurea Triennale in Infermieristica*
Docente del Corso Integrato Le basi biologiche della vita
 - Corso di Laurea Triennale in Dietistica*
Docente del Corso di Biochimica Generale
 - Corso di Laurea Triennale in Ortottica ed assistenza oftalmologica*
Docente del Corso Integrato Scienze del metabolismo delle molecole di interesse biologico
 - Attività elettiva Biochimica della visione
 - Attività elettiva Utilizzo di banche dati della letteratura biomedica
 - Corso di Laurea Triennale in Tecniche di laboratorio biomedico*
Attività elettiva Utilizzo di banche dati della letteratura biomedica
 - Corso di Laurea Magistrale in Medicina e Chirurgia -Polo Centrale*
Docente del Corso di Chimica Biologica
 - Corso di Laurea Magistrale in Biotecnologie Mediche e Medicina Molecolare*
Docente del Corso Integrato Manipolazione e trapianto di cellule staminali
 - Docente del Corso Integrato Modelli sperimentali e basi della terapia biotecnologica
 - Corso di Laurea Magistrale Interfacoltà in Alimentazione e nutrizione umana*
Docente del Corso Integrato Biochimica degli alimenti, della nutrizione e delle malattie metaboliche
 - Corso di Laurea Magistrale Medical Biotechnology and Molecular Medicine*
Docente del Corso Human Biochemistry
 - Docente del Corso Neurobiology
 - Dottorato di Ricerca in Biochimica*
Docente del Corso Biochimica e diagnostica delle sfingolipidosi
 - Docente del Corso Glicobiologia
 - Scuola di Dottorato in Scienze Nutrizionali, Metaboliche e Biochimiche*
Lezione su Diabete di tipo 2
 - Scuola di specializzazione in Pediatria*
Docente e tutor nel percorso MD/PhD
 - Currently I am responsible for the Course of Biological Chemistry for Medical School students (120 hours/year) and am teaching in the courses Human Biochemistry and Neurobiology, M.Sc School Medical Biotechnology and Molecular Medicine (7 hours each).
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- Digital skills
- good command of office suite (word processor, spread sheet, presentation software)
 - good command of photo editing software gained as an amateur photographer and in the acquisition, elaboration and management of images generated during experimental procedures
 - good command of web site management gained as Secretary of the European Society for Neurochemistry
- Other skills
- cooking and food processing
- Driving licence
- B

 ADDITIONAL INFORMATION

Publications Presentations Projects Conferences Seminars Honours and awards Memberships References Citations Courses Certifications	<p>His scientific activity is documented by 111 papers in peer-reviewed journals (4217 citations, <i>h</i>-index: 35), 7 book chapters, and more than 100 communications to scientific meetings.</p> <p>Invited Speaker in the following international scientific meetings:</p> <p>2002 "Sphingolipid turnover and exchange with the extracellular environment" Gordon Research Conference "Glycolipid and Sphingolipid Biology", Ventura, CA, USA</p> <p>2003 "Dynamics of membrane lipid domains in neuronal cultures" 2nd Int. Charleston Ceramide Conference, Como, Italy</p> <p>2004 "Sphingolipid-enriched membrane domains in neuronal apoptosis" Gordon Research Conference "Glycolipid and Sphingolipid Biology", Hyogo, Japan</p> <p>2005 "Functional roles of sphingolipids in the resistance to antitumor drugs in human ovarian carcinoma cells" 7th Int. Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, Puri, India</p> <p>2005 "Sphingolipid-enriched membrane domains in neuronal apoptosis" 3rd Intl. Charleston Ceramide Conference, Charleston, SC, USA</p> <p>2005 "non-MDR drug-resistant phenotypes in ovarian carcinoma cells are defined by alterations of the lipid membrane domains organization" XVIII Int. Symposium on Glycoconjugates, Firenze, Italy</p> <p>2006 "Altered glycosphingolipid metabolism and membrane organization in fenretinide-resistant human ovarian carcinoma cells" IUBMB Int. Symposium on Glycobiology "Glycans on proteins and lipids: Implications in cellular functions and evolution", Bangalore, India</p> <p>2006 "Aberrant glycosphingolipid expression in tumors and its consequences on cell-cell and cell-matrix interactions" IUBMB Workshop "Molecular characterization of glycoproteins and glycolipids and their interactions with lectins and receptors", Bangalore, India</p> <p>2006 "Organization and functional role of a prion-protein enriched membrane microenvironment in primary rat cerebellar neurons." 2nd Special Meeting of the Int. Society for Neurochemistry on Neural Glycoproteins and Glycolipids, Antigua</p> <p>2007 "Altered sphingolipid metabolism and membrane organization are associated with reduced invasivity in HPR-resistant human ovarian carcinoma cells." Glycobiology and Sphingobiology 2007 Hakomori Commemorative Forum, Tokushima, Japan</p> <p>2007 "Aberrant glycosphingolipid expression and membrane organization in tumor cells: consequences on tumor-host interactions" Molecular Immunology of Complex Carbohydrates-3, Taipei, Taiwan</p> <p>2008 "GM3 synthase regulate caveolin-1 expression and cell motility in human ovarian carcinoma cells" 8th Int. Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, Hyderabad, India</p> <p>2008 "Non-caveolar caveolin-1-enriched sphingolipid microdomains in the control of tumor cell motility" Gordon Research Conference "Glycolipid and Sphingolipid Biology", Il Ciocco, Italia.</p> <p>2009 "Deregulated sphingolipid metabolism in neurodegenerative disorders: lessons from acidic sphingomyelinase knockout mice, an animal model for Niemann-Pick disease type A." 22nd Biennial Meeting of the ISN/APSN Joint Meeting Satellite Conference "Novel Strategies for Intervention in Neurodegenerative Diseases", Taipei, Taiwan.</p> <p>2009 "Glycosphingolipids as modulators of membrane signaling complexes" FEBS Advanced Course "Lipid Signaling and Disease", Ortona, Italy.</p> <p>2009 "The motility of ovarian carcinoma cells is regulated through a glycosphingolipid/caveolin-1 signaling complex". 20th International Symposium on Glycoconjugates, San Juan, PR, USA.</p> <p>2010 "Multiple contributions of sphingolipid metabolism to drug resistant phenotypes in human ovarian cancer cells: crossroads, one-ways and evacuation routes." Gordon Research Conference "Glycolipid and Sphingolipid Biology", Ventura, CA, USA</p> <p>2011 "A glycosphingolipid/caveolin-1 signaling complex inhibits the motility of human ovarian carcinoma cells" 9th International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, Trivandrum, India</p> <p>2011 "A glycosphingolipid/caveolin-1 signaling complex inhibits the motility of human ovarian carcinoma cells" 21st International Symposium on Glycoconjugates, Vienna, Austria</p> <p>2012 "Regulation of caveolin-dependent signaling complexes by gangliosides" Gordon Research Conference "Glycolipid and Sphingolipid Biology", Il Ciocco, Italia.</p> <p>2012 "Role of sialyltransferase-1 (GM3 synthase) in the regulation of a caveolin-1-dependent signaling complex controlling the adhesion and motility of human ovarian cancer cells." Sialoglyco 2012, Taipei, Taiwan</p> <p>2013 "Lipid Rafts in Neurodegeneration and Neuroprotection" ISN-ASN Satellite Symposium "Unveiling the significance of lipid signaling in neurodegeneration and neuroprotection" Cancun, Mexico</p> <p>2013 "Lipid Rafts in Neurodegeneration and Neuroprotection" ISN Symposium "Neurochemistry in the 21st Century", Bath, UK</p> <p>2014 "Lipids and lateral order in biological membranes" EMBO Workshop: Cellular Imaging of lipids, Vico Equense, Italy</p> <p>2014 "Sphingolipids and lateral order in biological membranes" 2nd International Workshop on Molecular Medicine of Sphingolipids, Kloster Banz, Germany</p> <p>2015 "Lipid rafts and their roles in neurodegeneration and neuroprotection" 12th International Congress of the Polish Neuroscience Society, Danzig, Poland</p>
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2015 "Ganglioside-dependent membrane organization controlling the adhesion and motility of human ovarian cancer cells" 23rd International Symposium on Glycoconjugates, Split, Croatia

2015 "Lipid rafts in neurodegeneration and neuroprotection" invited seminar at Centre for Neuroregeneration, University of Edinburgh Medical School, Edinburgh, UK

2016 "Sulfatide in myelin organization and anti-sulfatide antibodies in pathology" Molecular Immunology of Complex Carbohydrates-4, The Great Roots Resort, SanXia District, New Taipei City, Taiwan

2016 "Lipid membrane domains in the brain" 14th Meeting of the Asian-Pacific Society for Neurochemistry, Kuala Lumpur, Malaysia

2017 "Anti-Glycolipid natural IgM antibodies as potential therapeutics in demyelinating diseases" 3rd International Conference on Molecular Medicine of Sphingolipids, French Lick, IN, USA

2017 "Anti-Glycolipid natural IgM antibodies as potential therapeutics in demyelinating diseases" 1st MetQuant Neurochemistry Symposium, Bremen, Germany

2017 "Lipid-driven membrane organization and signaling in myelin repair" 24th International Symposium on Glycoconjugates, Jeju, South Korea

2017 "Lipid-driven membrane organization and signaling in myelin repair" 24th International Symposium on Glycoconjugates, 1st International conference on "The Glycobiology of Nervous System", Seoul, South Korea

2017 "A random walk in Neuroscience", seminar at the Medizinische Universität Innsbruck, Innsbruck, Austria

2018 "Biochemical approaches for the study of organization and biological functions of lipid rafts", Keynote Speaker, XV Conference of the Lithuanian Biochemical Society, Dubingiai, Lithuania

2018 "Gangliosides in neurodegeneration: cross-talk between the plasma membrane and intracellular organelles", 15th Meeting of the Asian-Pacific Society for Neurochemistry, Macau, PRC

Editorial and reviewing activity

- Referee for the following scientific Journals: Journal of Neurochemistry, FEBS Letters, Journal of Pharmacology and Experimental Therapeutics, Biochemical Pharmacology, Biochimica et Biophysica Acta, Journal of Biochemistry, Neuroscience Letters, Cancer Letters, Medicinal Research Reviews, Brain Research Bulletin, Molecular Neurobiology, Journal of Cellular Biochemistry, Acta Biochimica et Biophysica Sinica, European Journal of Cancer, Medical Oncology, BMC Cell Biology, Journal of Glycomics and Lipidomics, Glycobiology, Biochemistry and Cell Biology, Current Medicinal Chemistry, Archivum Immunologiae et Therapiae Experimentalis, Analytical Biochemistry, Glycoconjugate Journal, PLOS ONE, Neurobiology of Aging, Physical Biology, Mediators of Inflammation, Nature Communications.
- Handling Editor of the Journal of Neurochemistry, Managing Editor of Neurosignals, member of the Editorial Board of Journal of Lipids, member of the Editorial Board of Matters, Associate Editor of Frontiers in Membrane Physiology and Biophysics, Neurochemical Research, the Glycoconjugate Journal, Review Editor in Frontiers in Molecular Neuroscience.
- Guest Editor for the Special Issues:
 - "Basic methodological approaches for studying glycoconjugates", Glycoconjugate Journal, 2008
 - "Membrane microdomains/lipid rafts", Trends in Glycoscience and Glycotechnology, 2008
 - "Membrane domains in CNS Physiology and Pathology", Journal of Neurochemistry, 2011
 - "Membrane alterations and Alzheimer's disease", Frontiers in Membrane Physiology and Membrane Biophysics, 2013
- Referee for grant proposal to the Dutch Cancer Society (Nederlandse Kankerbestrijding), the United States-Israel Binational Science Foundation, the Italian Ministry of Scientific Research, Italy/France scientific cooperation programme (Galileo), Deutsche Forschungsgemeinschaft, German-Israeli Foundation for Scientific Research and Development, Israel Science Foundation, FCT - Fundação para a Ciência e a Tecnologia (Portugal), National Science Centre (Poland)
- Member of the Advisory Board of the Department of Biomedical and Biotechnological Sciences (Biometec), University of Catania.

Awards

- Italian Society of Biochemistry "Medaglia SIB" Award for Young Scientists (1994).
- Association for the Advancement of Neurological Research (ARIN) (1997).
- Mizutani Foundation for Glycoscience (2007)

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 January 9th, 2019

Signature

