

RICCARDO GHIDONI, PhD
Curriculum vitae (Oct 31, 2016)

BIOGRAPHICAL INFORMATION

Place of Birth: Milan (Italy)

Date of Birth: March 18, 1950

Citizenship: Italian

Private address: Via Santander 36 - 20143 Milan, Italy

Work address: Lab. of Biochemistry and Molecular Biology, San Paolo University

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Languages spoken: Italian (native), English (professional), French (professional)

EDUCATION

1968 BS General Sciences, Undergraduate School “Leonardo da Vinci”, Milan (Italy)

1974 Ph.D. Biochemistry, University of Milan, Milan (Italy)

1974-76 Postdoctoral Fellow, Institut für Physiologische Chemie der Medizinischen Fakultät der Philipps-University of Marburg/Lahn (Germany)

PROFESSIONAL APPOINTMENTS

1994-present School of Medicine and Surgery, University of Milan, Milan, Italy - Professor of Biochemistry

1991 - 1994 Medical School, University of Catania, Catania, Italy - Professor of Medicinal Chemistry

1983 - 1991 School of Medicine and Surgery, University of Milan, Milan, Italy - Associate Professor of Biochemistry

1978 - 1983 School of Medicine and Surgery, University of Milan, Milan, Italy - Assistant Professor of Biochemistry

VISITING APPOINTMENTS

05/74 - 09/76 Institut für Physiologische Chemie der Christian-Albrechts, University of Kiel (Germany) - Postdoctoral fellow

04/81 - 09/81 Beth Israel Hospital, Department of Radiopharmacology, Harvard Medical School at Boston (USA) – Visiting Scientist

04/82 - 09/82 Sechenov Institut of Evolutionary Physiology and Biochemistry, USSR Academy of Science at Saint Petersburg (Russia) - Visiting Scientist

09/96 - 10/97 INSERM U410, Faculté de Médecine X. Bichat, at Paris (France) - Visiting Professor

CURRENT RESEARCH INTERESTS

Lipid-mediated signaling in cancer cells and in neurodegenerative diseases

Role of ceramide in the pathogenesis of Retinitis Pigmentosa

Antiinflammatory role of sphingolipids in Cystic Fibrosis

Cancer chemoprevention with nutritional polyphenols

GRANTS AND FUNDING

1999 - present University of Milan Intramural Grant, PI

2000 - 2003 Ministry of Education Institutional Grant, National Coordinator of the Project “Lipids as effectors and mediators of growth, differentiation and apoptosis in cancer cells”, PI

2001 - 2003 CaRiPlo Foundation, “Functional genomics to modulate the antitumoral role of ceramide”, PI

2001 - present Centre of Excellence for Bioindustrial Application (CISI), “Anticancer drug targeting”, Co-PI

2002 - 2003 Italian Association For Cancer Research (AIRC), “RARbeta silencing and retinoic acid resistance in breast cancer”, Co-PI

2004 Italy-France Cooperation Program Grant, “Potential role of ceramide in the induction of macroautophagic cell death in epithelial cancer cells”, Italian Coordinator, PI

2007-2009 CaRiPlo Foundation, “Sphingolipids in the response of cancer cells to antitumor agents: A genomic approach”, PI

2007-2009 British Retinitis Pigmentosa Society, “Targeting ceramide signalling to prevent photoreceptor apoptosis in Retinitis Pigmentosa”, Co-PI

- 2011 Milan Foundation "Antiapoptotic therapy of Retinitis Pigmentosa with Myriocin, an inhibitor of ceramide biosynthesis: tolerability study", PI
- 2011 – 2012 Cystic Fibrosis Foundation, "Targeting ceramide metabolism as a pharmacological strategy in Cystic Fibrosis", PI
- 2013-2015 Ministry of Education Institutional Grant, Local Coordinator of the Project "Integrated analysis of molecular and cellular processes responsible for the elaboration of sensorial signals in normal and pathological conditions", Local PI
- 2014-2016 Fondazione Roma. Project "A novel strategy to delay photoreceptor degeneration in Retinitis Pigmentosa"

PATENT

- 2011 Co-titolar of the Patent n 13/230340 "Use of serine palmitoyltransferase inhibitors for prevention and slowdown of inherited retinal degenerations and relative compositions" (Uso di inibitori della serina palmitoiltrasferasi per la prevenzione e il rallentamento delle degenerazioni retiniche ereditarie e relative composizioni)

TEACHING ACTIVITY

- 2009 - present Vice-dean of the San Paolo School of Medicine, University of Milan
- 1999 - present Course of Biochemistry, School of Medicine, University of Milan, Milan.
- 1997 - 1998 Course of Oral Cavity Biochemistry, Dental Hygiene School, University of Milan
- 1994 - 1998 Course of Biochemistry, School of Dentistry, University of Milan
- 1991 - 1994 Course of Medicinal Chemistry, School of Medicine, University of Catania
- 1988 - 1990 Course of Physico-chemistry of Biological Systems, Postdoctoral Program of Clinical Biochemistry, University of Milan
- 1985 - 1990 Course of Bioenergetics, Postdoctoral Program of Sports Medicine, University of Milan
- 1982 - 1991 Course of Biochemistry, School of Medicine, University of Milan.

COMMITTEES/ORGANIZATIONAL ACTIVITY

Committees

- 2013 – present Member of the Board of Directors, University of Milan
- 2011- present President of the Sphingolipid Club
- 2001 - present Member of the Committee for Disabilities, School of Medicine, University of Milan
- 2001 - present Advisor evaluation of Unit and Team proposals of INSERM, France
- 2001 Co-founder of Sphingolipid Club
- 1999 - 2002 Chairman Committee teaching campus courses of the core biological curriculum, University Campus San Paolo, Milan
- 1999 - 2002 Member of th Committee for Innovation in Teaching, School of Medicine, University of Milan

Scientific Meetings

- 2011 Chairman 9th Sphingolipid Club Meeting, Favignana (Italy)
- 2004 Co-chairman 3rd Sphingolipid Club Meeting, Florence (Italy)
- 2003 Co-chairman 2nd Sphingolipid Club Meeting, Lake Iseo (Italy)
- 2003 Advisory Board, 2nd Charleston Ceramide Conference, Como (Italy)
- 2002 Co-chairman Sphingolipid 1st Club Meeting, Perugia (Italy)
- 2001 Advisory Board, 1st Charleston Ceramide Conference, Charleston SC (USA)
- 1998 Co-chairman, EMBO Workshop "Lipids: Regulatory Functions in Membrane Traffic and Cell Development", Kfar Blum Kibbuz Hotel (Israel)
- 1994 Chairman, EMBO Workshop "Intracellular Lipid Traffic", Rocca d'Arazzo, Asti (Italy)
- 1985 Organizing Committee Member, ISN Satellite Meeting "Gangliosides and Neuronal Plasticity", Mantova (Italy)

OTHER PROFESSIONAL ACTIVITIES

Memberships: AACR, Sphingolipid Club, Biochemical Italian Society, Retina Italia Scientific Board