

Date and place of birth

11th August 1973, Novara (Italy)

Education

- March 2000, Degree (*summa cum laude*) in Chemistry and Pharmaceutical Technologies, Faculty of Pharmacy, “Università degli Studi del Piemonte Orientale”, Novara (Italy)
- March 2008, Degree (*summa cum laude*) in Pharmacy, Faculty of Pharmacy, “Università degli Studi del Piemonte Orientale”, Novara (Italy)
- February 2005, Ph.D. in Science of Bioactive Substances, “Università degli Studi del Piemonte Orientale”, Novara (Italy)

Research and Professional Experiences

- 1999-2000, Undergraduate student, “Università degli Studi di Torino”, Novara (Italy)
- 2000-2001, Postgraduate Fellow, “Dipartimento di Scienze Chimiche, Alimentari, Farmaceutiche e Farmacologiche, Università degli Studi del Piemonte Orientale”, Novara (Italy)
- 2001-2004, Ph.D. student, “Dipartimento di Scienze Chimiche, Alimentari, Farmaceutiche e Farmacologiche, Università degli Studi del Piemonte Orientale”, Novara (Italy)
- 2003, Visiting Scientist, Neurodegeneration Unit, Centre of Excellence for Drug Discovery, GlaxoSmithKline, Harlow (HK)
- 2004-2006, Post Doctoral Fellow, “Dipartimento di Scienze Chimiche, Alimentari, Farmaceutiche e Farmacologiche, Università degli Studi del Piemonte Orientale”, Novara (Italy)
- 2006-present, Assistant Professor, Faculty of Pharmacy, “Dipartimento di Anatomia, Farmacologia e Medicina Legale, Università degli Studi di Torino”, Turin (Italy)

Scientific Society

Member of the Italian Society of Pharmacology

Publications

- Lombardi G., Dianzani C., Miglio G., Canonico P.L., Fantozzi R. Characterization of ionotropic glutamate receptors in human lymphocytes. *Br. J. Pharmacol.* 2001; 133(6): 936 – 944
- Lombardi G., Varsaldi F., Miglio G., Papini M.G., Battaglia A., Canonico P.L. Cabergoline prevents necrotic neuronal death in an *in vitro* model of oxidative stress. *Eur. J. Pharmacol.* 2002; 457(2 – 3): 95 – 98
- Lombardi G., Miglio G., Canonico P.L., Naldi P., Comi C., Monaco F. Abnormal response to glutamate of T lymphocytes from multiple sclerosis patients. *Neurosci. Lett.* 2003; 340(1): 5 – 8
- Miglio G., Varsaldi F., Francioli E., Battaglia A., Canonico P.L., Lombardi G. Cabergoline protects SH-SY5Y neuronal cells in an *in vitro* model of ischemia. *Eur. J. Pharmacol.* 2004; 489(3): 157 – 165
- Lombardi G., Miglio G., Dianzani C., Mesturini R., Varsaldi F., Chiocchetti A., Dianzani U., Fantozzi R. Glutamate modulation of human lymphocyte growth: *in vitro* studies. *Biochem. Biophys. Res. Commun.* 2004; 318(2): 496 – 502
- Miglio G., Varsaldi F., Dianzani C., Fantozzi R., Lombardi G. Stimulation of group I metabotropic glutamate receptors evokes calcium signals and *c-jun* and *c-fos* gene expression in human T cells. *Biochem. Pharmacol.* 2005; 70(2): 189 – 199
- Arlorio M., Coïsson J.D., Travaglia F., Varsaldi F., Miglio G., Lombardi G., Martelli A. Antioxidant and biological activity of phenolic pigments from Theobroma cacao hulls extracted with supercritical CO₂. *Food Res. Int.* 2005; 38(8–9): 1009 – 1014
- Rossi F., Lombardo F., Paglino A., Cassani C., Miglio G., Arcà B., Rizzi M. Identification and biochemical characterization of the *Anopheles gambiae* 3-hydroxykynurenine transaminase. *FEBS J.* 2005; 272(21): 5653 – 5662
- Miglio G., Varsaldi F., Lombardi G. Human T lymphocytes express N-methyl-D-aspartate receptors functionally active in controlling T cell activation. *Biochem. Biophys. Res. Commun.* 2005; 338: 1875 – 1883

- [Chiocchetti A., Miglio G., Mesturini R., Varsaldi F., Mocellin M., Orilieri E., Dianzani C., Fantozzi R., Dianzani U., Lombardi G.](#) Group I mGlu receptor stimulation inhibits activation-induced cell death of human T lymphocytes. *Br. J. Pharmacol.* 2006;148(6):760 – 768
- Pirali T., Busacca S., Beltrami L., Imovilli D., Pagliai F., Miglio G., Massarotti A., Verotta L., Tron G.C., Sorba G., Genazzani A.A. Synthesis and cytotoxic evaluation of combretafurans, potential scaffolds for dual-action antitumoral agents. *J. Med. Chem.* 2006; 49: 5372 – 5376
- Varsaldi F., Miglio G., Scordo M. G., Dahl M-L, Villa L. M., Biolcati A., Lombardi G. Impact of *CYP2D6* polymorphism on steady-state plasma concentrations and clinical outcome of donepezil in Alzheimer's disease patients. *Eur. J. Clin. Pharmacol.* 2006; 62(9): 721 – 726
- Lombardi G., Miglio G., Varsaldi F., Minassi A., Appendino G. Oxyhomologation of the Amide Bond Potentiates Neuroprotective Effects of the Endolipid *N*-Palmitoylethanolamine. *J. Pharmacol. Exp. Ther.* 2007; 320(2): 599-606 (*)
- Torres-Sanchez M.I., Zaccaria C., Buzzi B., Miglio G., Lombardi G., Polito L., Russo G., Lay L. Synthesis and biological evaluation of phosphono analogues of capsular polysaccharide fragments from *Neisseria meningitidis* A. *Chemistry* 2007; 13(23): 6623-6635
- Miglio G., Dianzani C., Fallarini S., Fantozzi R., Lombardi G. Stimulation of N-methyl-d-aspartate receptors modulates Jurkat T cell growth and adhesion to fibronectin. *Biochem. Biophys. Res. Commun.* 2007; 361(2): 404-409.
- Howlett D.R., Bowler K., Soden P.E., Riddell D., Davis J.B., Richardson J.C., Burbidge S.A, Gonzalez M.I., Irving E.A., Lawman A., Miglio G., Dawson E.L., Howlett E.R., Hussain I. A β deposition and related pathology in an APP x PS1 transgenic mouse model of Alzheimer's disease. *Histol. Histopathol.* 2008; 23(1):67-76
- Collino M., Thiemermann C., Mastrocola R., Gallicchio M., Benetti E., Miglio G., Castiglia S., Danni O., Murch O., Dianzani C., Aragno M., Fantozzi R. Treatment with the glycogen synthase kinase-3 β inhibitor, TDZD-8, affects transient cerebral ischemia/reperfusion injury in the rat hippocampus. *Shock* 2008; 30(3):299-307