

Name: Maria Luisa Barbaccia, M.D.

Date and place of birth: October 28 1954, Gussago (Brescia) Italy

Citizenship: Italian

EDUCATION:

1973- Graduation from High School (Liceo-Ginnasio "Arnaldo", Brescia)

1977/1980- Internship, Institute of Pharmacology and Therapy, Brescia Medical School

November 1979 - Graduation (cum Laude) from the University of Milan Medical School. M.D. Thesis "Effects of acute and chronic ethanol treatments on GABAergic and dopaminergic function in the central nervous system"

January 1980: Physician State Board exam, approved

POSITIONS/JOBS:

April 1980 -fellowship, Residency in Pharmacology, Milan University

November 1980/January 1984 - Fogarty Fellow, Laboratory of Preclinical Pharmacology, N.I.M.H., St. Elizabeth's Hospital, Washington, D.C., USA

February 1984/August 1985- Guest Researcher, Laboratory of Preclinical Pharmacology, N.I.M.H., St. Elizabeth's Hospital, Washington, D.C., USA (on leave of absence, since april 1984, from the University of L'Aquila, Italy)

April 1984- "Ricercatore", University of L'Aquila Medical School, L'Aquila, Italy

December 1985/March 1988 - Research Assistant Professor, Dept. Pharmacology, Georgetown University Medical School, Washington, D.C. USA

April 1988/ October 1991- Associate Professor of Chemotherapy, Department of Experimental Medicine and Biochemical Sciences, University of Rome Tor Vergata Medical School

April 1991-Tenured Associate Professor

November 1991/February 2002- Associate Professor of Pharmacology, Dept. Neuroscience, University of Rome Tor Vergata Medical School

March 2002/February 2005- Full Professor of Pharmacology, Dept. Neuroscience, University of Rome Tor Vergata Medical School

March 2005/present- Tenured Full Professor of Pharmacology, Dept Neuroscience, University of Rome Tor Vergata Medical School

OTHER ACTIVITIES

June 2006/present- Member, Ethics Committee - Azienda Policlinico Tor Vergata

February 2009/ 2013- Member, Ethics Committee ACISMOM – Ospedale S.Giovanni Battista-Roma

September 2011/present- Member, Ethics Committee Ospedale Pediatrico Bambino Gesù-Roma

A.Y. 2010/2011- Member, Commission for tenure position evaluation of Ricercatori Universitari (prot. N. 637 del 12-02-2010, MIUR)

A.Y. 2010/2011-Director, Master "Policy Issues in Medicinal Products"- University of Rome Tor Vergata

February 2011- Member, Committee for hiring a "Ricercatore universitario" SSD BIO/14 (D.R. nomina n. 147 del 28/01/2011 pubblicato su G.U n. 12 del 11/02/2011)

TEACHING:

-Course of Pharmacology for Medical Students, University of Rome Tor Vergata Medical School, from a.y. 1991-92 to present

-Course of Pharmacology for Residents in Neurology, University of Rome Tor Vergata Medical School, from a.y. 2002-2003 to present

-Course of Pharmacology for Students of "Therapy and rehabilitation of pediatric neuropsychomotility", "Podology", "Physiotherapy" and "Therapists of Psychiatric Rehabilitation University of Rome Tor Vergata Medical School

Prof. Barbaccia is/has been thesis advisor for Medical Students and Ph.D. Students in Neuroscience of the University of Rome Tor Vergata Medical School and of Students in Chemistry and Pharmacological Technologies of the University of Rome La Sapienza.

SOCIETY MEMBERSHIPS:

Italian Neuroscience Society (SIN), Italian Society of Pharmacology (SIF), Federation of European Neuroscience Societies (FENS), American Society for Neuroscience (SfN), International Brain Research Organization (IBRO)

REVIEWER ACTIVITY:

Member Editorial Advisory Board of Current Neuropharmacology (2008).

She serves as ad hoc reviewer for international scientific journals: Acta Psychiatrica Scandinavica, Alcohol & Alcoholism, Brain Research, Depression and Anxiety, Endocrinology, European Journal of Neuroscience, European Neuropsychopharmacology, Expert Reviews on Neurotherapeutics, Frontiers in Neuroscience, Journal of Neurochemistry, Journal of Neuroendocrinology, Journal of Pharmacy and Pharmacology, Neurochemistry International, Neurochemical Research, Neuropsychopharmacology, Pharmacology Biochemistry & Behavior, Proceedings of the National Academy of Sciences (USA), Psychoneuroendocrinology, Stress.

She has served as research project reviewer for the Italian Ministry of Research and for the Danish Medical Research Council.

GRANTS:

Prof. Barbaccia has received grants from: Tor Vergata University Research fund, from 1989

Italian Ministry of Research (COFIN/PRIN and PNR Projects) for the years: 1996-1998; 1997-1999; 1999-2001; 2001-2003; 2002-2004; 2005-2006

RESEARCH ACTIVITY:

Maria Luisa Barbaccia's scientific interests have been focused mainly to the field of neuroscience and, in particular, of neuropsychopharmacology. The results of her work, as documented by her publications, have contributed to clarify the mechanisms of actions of psychotropic medications and drugs of abuse. She has formerly carried out her research at the Institute of Pharmacology of the University of Brescia and Milan (1977-1980), the National Institutes of Mental Health (N.I.M.H.) in Washington D.C.-USA (1980-1985) and Georgetown University (1985-1988). On her return to Italy as associate professor of Chemotherapy at the University of Rome Tor Vergata Medical School, she has set up the laboratory of Neuropsychopharmacology and worked on neurosteroids, endogenous substances that through diverse mechanisms, including GABA-A receptor modulation, affect diverse central nervous system functions and may shape the brain response to some psychotropic medications and drugs of abuse, as well as participate in the response to stress. Presently she is working on the role of distinct neurosteroids during neuronal differentiation, an avenue of research that may lead to a better comprehension of development-related neuropsychiatric disorders.