

Maria Luisa Barbaccia, M.D.

Full professor of Pharmacology- Dept. Systems Medicine, University of Rome Tor Vergata Medical School, Rome- Italy

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- "Researcher", University of L'Aquila Medical School, L'Aquila, Italy
- December 1985/March 1988 - Research Assistant Professor, Dept. Pharmacology/Fidia Georgetown Institute for Neuroscience (FGIN), Georgetown University Medical School, Washington, D.C. USA
- April 1988/ October 1991- Track-tenure Associate Professor of Chemotherapy, Department of Experimental Medicine and Biochemical Sciences, University of Rome Tor Vergata Medical School
- April 1991- Tenured Associate Professor of Pharmacology
- 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 Systems Medicine, University of Rome Tor Vergata Medical School

TEACHING

(University of Rome Tor Vergata, Medical School A.Y. 2022-2023)

- Teacher and coordinator of the Pharmacology courses (degrees in Medicine and Surgery, Italian and English Degree, University of Rome Tor Vergata Medical School)
- Teacher and coordinator of the course "Pharmacology and Neuropsychiatric Sciences" (Degrees in Physiotherapy, Podiatry and TNPEE)
- Teacher and coordinator of the course "Primo Soccorso", degree in "Tecniche di Neurofisiopatologia"
- Teacher and coordinator of the course "Scienze Mediche e Farmacologia", degree in "Tecniche della Riabilitazione Psichiatrica" (2nd year students)
- Teacher of pharmacology, course "Elementi di Pronto soccorso", degree "Tecniche della riabilitazione psichiatrica" (3rd year students)
- Teacher of Pharmacology, degrees in Dental Hygiene
- Teacher of Pharmacology, degrees in TSRM
- Teacher of Pharmacology, degrees in TFCPC
- Teacher of Pharmacology, international Degree "Physical Activity and Health Promotion" (PAHP)
- Teacher of Pharmacology, degree in "Nursing Sciences" (2nd year students)
- Teacher of Pharmacology, degree in "Nursing Sciences" (3rd year students)
- Teacher of Pharmacology, degree in "Scienze e Tecniche dello Sport"
- Pharmacology lectures for residents in Neurology, Medical Genetics
- Thesis supervisor

OTHER ACTIVITIES

- June 2006/present- Member, Ethics Committee - 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, Committee for tenure position evaluation of "Ricercatori Universitari" (prot. N. 637, 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, 28/01/2011, G.U n. 12 11/02/2011)

- Member of:

- "Giunta di Facoltà", degree in Medicina e Chirurgia
- "commissione per l'assicurazione della qualità", degree Medicina e Chirurgia
- "Gruppo del Riesame", degree Medicina e Chirurgia

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), Accademia Medica di Roma

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.

-Prof Barbaccia served as research project reviewer for the Italian Ministry of Research (2004) and for the Danish Medical Research Council.(2006).

-Prof Barbaccia served as international reviewer for the career upgrade of Researchers of the Rudjer Boskovic Institute-Zagabria, Croatia.

RESEARCH ACTIVITY:

Maria Luisa Barbaccia has authored/co-authored more than 100 scientific publications (5867 citations-Google Scholar; 3851 citations-WOS; H_{index} 38-Google Scholar; H_{index} 32-WOS), for the most part on international journals with referee. Her 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. Her work has been focused on neurosteroids, endogenous substances that through diverse mechanisms, including GABA-A receptor modulation, affect diverse central nervous system functions: they may shape the brain response to some psychotropic medications and drugs of abuse, have a role in neuronal differentiation as well as participate in the response to stress.