

BIOGRAPHICAL SKETCH

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NAME: Maurizio Memo

POSITION TITLE: Full Professor of Pharmacology, University of Brescia, Brescia, Italy

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of Cagliari, Italy	Graduated in Chemistry and Pharmaceutical Technologies,	1977	Pharmacology
University of Milan, Italy	Residency in Pharmacology	1980	Neuropharmacology
National Heart, Lung and Blood Institute, NIH, Bethesda, MD, USA	Research Fellow	1980-1982	Neuropharmacology
University of Cagliari, Italy	Researcher in Pharmacology	1983-1988	Neuropharmacology
Georgetown University Medical School, Washington D.C., USA	Visiting Professor Pharmacology	1988-1990	Neuropharmacology
University of Brescia, Italy	Associate Professor of Pharmacology	1988-2000	Pharmacology
Cornell University Medical School, White Plains, NY, USA	Visiting Scientist	1996	Pharmacology
University of Brescia, Italy	Full Professor of Pharmacology	2001-present	Pharmacology

A. *Personal Statement*

Other Experience and Professional Membership

Present - Director of the Residency Course in Medical Pharmacology, University of Brescia

Present - Director of the PhD Program in Biomedical Sciences, University of Brescia

Present - Director of the Degree course in Pharmacy, University of Brescia

Present - Director of the Drug Research Centre (DIFF), University of Brescia

Present - Director of the Section of Pharmacology, Department of Molecular Medicine, University of Brescia

Present - Chief Molecular Neuropharmacology Laboratory, University of Brescia, Italy

Present – Founder and Board Member of DIADEM, University Spin-Off on neurodegenerative diseases biomarkers

Present Faculty Member, PhD program in Neuroscience

Present Faculty Member, Medicine and Surgery Course

Present Faculty Member, Biotechnology Course

Present President of the Scientific Committee of Lorenzini Foundation, Milan, Italy

Present Member of the Scientific Committee of Brunelli Foundation, Brescia, Italy
Present Member of the International Advisory Board of G.I.O.S.E.G. (Glucocorticoid Induced Osteoporosis Skeletal Endocrinology Group)

2010-2016 Vice Chancellor, University of Brescia

2009-2012 Director of the Department of Biomedical Sciences and Biotechnologies

2020-present Member of the Editorial Board of "NeuroSci" published by MDPI

2007-present Associated Editor of "BMC Pharmacology"

2005-present Member of the Editorial Board of "CNS Neuroscience & Therapeutics"

2018-present Member of the Editorial Board of "Molecules"

1998-2001 Associate Editor of "Functional Neurology"

1995- Founder and Vice-President of the European School of Molecular Medicine

1991- Founder and President of the Italian Group of Molecular Neurobiology

Owner of 3 patents: "Useful compound for the treatment of neurodegenerative disease" (2002); "Method for early identification of Alzheimer's Disease" (2005); "P53 antibody" (2014)

B. Positions and Honors

Winner of the Roussel Price for Gerontological Research (1987)

Winner of the Sandoz Foundation Price (1994).

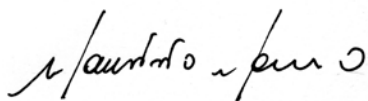
C. Contributions to Science

Author of more than 300 full scientific papers all published in recognized international Journals. Organizer of 12 International Symposia. Principal Investigator of several research projects sponsored by national and international Institutions and supervisor of a research group with a total of 12 post-Doc.s, PhD students and technicians.

H Index: 46 (Scopus); Citations > 7.500 (Scopus). orcid.org/0000-0002-7543-0289

Main interest: Since 1980 Prof. Memo's research projects focused on neuropharmacology, in particular on the role of Dopamine systems in schizophrenia and Parkinson's disease, the molecular mechanisms of neurodegeneration, and the genetic and molecular risk factors for Alzheimer's disease. More recently, he has been involved in several basic and clinical studies including neuronal structural plasticity, drug development in oncology and pharmacogenomics.

Brescia Oct 19th, 2019



Maurizio Memo

List of the most cited papers (Scopus)

Grilli, M., Pizzi, M., Memo, M., Spano, P.

Neuroprotection by aspirin and sodium salicylate through blockade of NF- κ B activation
(1996) *Science*, 274 (5291), pp. 1383-1385. Cited 724 times.

Sánchez-Danés, A., Richaud-Patin, Y., Carballo-Carbajal, I., Jiménez-Delgado, S., Caig, C., Mora, S., Di Guglielmo, C., Ezquerro, M., Patel, B., Giralt, A., Canals, J.M., Memo, M., Alberch, J., López-Barneo, J., Vila, M., Cuervo, A.M., Tolosa, E., Consiglio, A., Raya, A.

Disease-specific phenotypes in dopamine neurons from human iPS-based models of genetic and sporadic Parkinson's disease
(2012) *EMBO Molecular Medicine*, 4 (5), pp. 380-395. Cited 356 times.

Copani, A., Uberti, D., Sortino, M.A., Bruno, V., Nicoletti, F., Memo, M.

Activation of cell-cycle-associated proteins in neuronal death: A mandatory or dispensable path?
(2001) *Trends in Neurosciences*, 24 (1), pp. 25-31. Cited 201 times.

Grilli, M., Memo, M.

Nuclear factor- κ B/Rel proteins: A point of convergence of signalling pathways relevant in neuronal function and dysfunction
(1999) *Biochemical Pharmacology*, 57 (1), pp. 1-7. Cited 158 times.

Grilli, M., Goffi, F., Memo, M., Spano, P.

Interleukin-1 β and glutamate activate the NF- κ B/Rel binding site from the regulatory region of the amyloid precursor protein gene in primary neuronal cultures
(1996) *Journal of Biological Chemistry*, 271 (25), pp. 15002-15007. Cited 137 times.

Perluigi, M., Sultana, R., Cenini, G., Di Domenico, F., Memo, M., Pierce, W.M., Coccia, R., Butterfield, D.A.

Redox proteomics identification of 4-hydroxynonenal-modified brain proteins in Alzheimer's disease: Role of lipid peroxidation in Alzheimer's disease pathogenesis
(2009) *Proteomics - Clinical Applications*, 3 (6), pp. 682-693. Cited 129 times.

Grilli, M., Memo, M.

Possible role of NF- κ B and p53 in the glutamate-induced pro-apoptotic neuronal pathway
(1999) *Cell Death and Differentiation*, 6 (1), pp. 22-27. Cited 112 times.

Pizzi, M., Fallacara, C., Arrighi, V., Memo, M., Spano, P.

Attenuation of Excitatory Amino Acid Toxicity by Metabotropic Glutamate Receptor Agonists and Aniracetam in Primary Cultures of Cerebellar Granule Cells
(1993) *Journal of Neurochemistry*, 61 (2), pp. 683-689. Cited 100 times.

Denis-Donini, S., Dellarole, A., Crociara, P., Francese, M.T., Bortolotto, V., Quadrato, G., Canonico, P.L., Orsetti, M., Ghi, P., Memo, M., Bonini, S.A., Ferrari-Toninelli, G., Grilli, M.

Impaired adult neurogenesis associated with short-term memory defects in NF- κ B p50-deficient mice
(2008) *Journal of Neuroscience*, 28 (15), pp. 3911-3919. Cited 112 times.

Valerio, A., Paterlini, M., Boifava, M., Memo, M., Spano, P.

Metabotropic glutamate receptor mRNA expression in rat spinal cord
(1997) *NeuroReport*, 8 (12), pp. 2695-2699. Cited 99 times.

Bovolin, P., Santi, M.-R., Memo, M., Costa, E., Grayson, D.R.

Distinct Developmental Patterns of Expression of Rat α 1, α 5, γ 2S, and 2L GABA-A Receptor Subunit mRNAs In Vivo and In Vitro
(1992) *Journal of Neurochemistry*, 59 (1), pp. 62-72. Cited 89 times.

Memo, M., Kleinman, J.E., Hanbauer, I.

Coupling of dopamine D1 recognition sites with adenylate cyclase in nuclei accumbens and caudatus of schizophrenics
(1983) *Science*, 221 (4617), pp. 1304-1307. Cited 79 times.