

MARTA PATERLINI, Ph.D.

PERSONAL INFORMATION

Date and place of birth	11 December 1968, Brescia, Italy
Nationality	Italian
Home address	#D13, Wenner-Gren Center Sveavägen 164, 11346 Stockholm Tel: +46-8-7369877
Languages	Italian (mother tongue), English (proficiency level) Spanish (basic level), Swedish (basic level)

EXPERIENCE IN LIFE SCIENCE COMMUNICATION

Since **1995** regular freelance collaboration with **Le Scienze** (Italian Edition of Scientific American) and **La Stampa** (the third major Italian national newspaper). Since 2001 regular freelance collaboration with **Il Sole 24 Ore** (the most important economy newspaper in Italy)

2000-2004: correspondent from Italy for **ELSO Gazette** (European Life Science Organization, <http://www.the-also-gazette.org>)

Since **2002** collaboration with **Science Next Wave** (<http://www.sciencemag.org>)

Since **2003** collaboration with **The Scientist** (<http://www.the-scientist.com>)

Since **2005** collaboration with **Scandinavian Life Science** (www.life-science.se/)

January 2002-December 2004 Science Writing Workshop organised by the “New York Science Writers Association”, New York

June 2000 Science Writer Fellowship from Armenise-Harvard Foundation, Harvard Medical School, Boston

October 1996-July 1998 Master's Degree in Science Communication at ISAS, International School for Advanced Studies, Trieste, Italy

EDITORIAL COLLABORATIONS

From 2001-2004 collaboration with **Trends in Genetics** (<http://www.trends.com/tig/>) and **Research Update (ELS)** for BioMedNet (<http://reviews.bmn.com>).

Since 2005 member of **The Lancet Peer Review Team**.

EDUCATION AND RESEARCH EXPERIENCE

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|------------------------------------|---|
| October 2001-June 2005 | Postdoctoral Fellow at Rockefeller University, Department of Human Neurogenetics, New York. |
| July 2000-September 2001 | Postdoctoral Fellow at Dyson Institute, Medical College of Cornell University, New York. |
| 15-31 June 2000 | Science Writer Fellowship from Armenise-Harvard Foundation at Harvard Medical School, Boston. |
| November 1998-June 2000 | MRC Postdoctoral Fellow at the Neurobiology Division, Laboratory of Molecular Biology, Medical Research Council, Cambridge, UK. |
| April 1999 | Ph.D. thesis defence at the School of Medicine, Brescia University, Brescia, Italy. |
| January 1998-October 1998 | Visiting Neuroscience Ph.D. student at the Neurobiology Division, Laboratory of Molecular Biology, Medical Research Council, Cambridge, UK. |
| February 1997-December 1997 | Visiting Neuroscience Ph.D. student at the Brain Bank Laboratory, Medical Research Council, Cambridge, UK. |
| March 1995-January 1997 | Neuroscience Ph.D. student at the School of Medicine, Brescia University, Brescia, Italy. |
| November 1994-July 1996 | Master's degree student in Science Communication at ISAS, International School for Advanced Studies, Trieste, Italy. |

March 1994-March 1995	Training at the Pharmacology Department, School of Medicine, Brescia University, Brescia, Italy.
March 1994	Degree in Biological Science, Parma University, Parma, Italy.
September 1992-March 1994	Student at the Department of Evolutive Biology, Parma University, Parma, Italy.
July 1987	Classical maturity diploma at Liceo Classico Arnaldo, Brescia, Italy.

PUBLICATIONS

M. Paterlini, S.S. Zakharenko, W.S. Lai, J. Mukai, K.G.C. Westphal, B. Olivier, D. Sulzer, Siegelbaum, M. Karayiorgou & J.A. Gogos

Transcriptional and behavioral interaction between 22q11.2 genes modulates schizophrenia-related phenotypes. *Nature Neuroscience*. (2005) 8:1586-1594.

M. Paterlini

History and science united to vindicate Perutz.

Nature. (2003) 424:127.

M. I. Aller, A. Jones, D. Merlo, **M. Paterlini**, A.H. Meyer, U. Amtmann, S. Brickley, H.E. Jolin, A.N.J. McKenzie, H. Monyer, M. Farrant, W. Wisden

Cerebellar granule cell Cre recombinase expression. *Genesis*. (2003) 3:97-103.

A. Valerio, N. Ferrario, **M. Paterlini**, P. Liberini, G. Moretto, N. J. Cairns, M. Pizzi, P. Spano

Spinal cord mGlu1a receptors. Possible target for amyotrophic lateral sclerosis therapy. *Pharmacol Biochem Behav*. (2002) 73:447-454.

M. Paterlini

A new gene for ALS. *Trends in Genetics* (2001) 17:695-696.

M. Paterlini

Huntingtin's normal role defined. *Trends in Genetics* (2001) 17:494.

A. Valerio A, N. Zoppi, S. Ferraboli, **M. Paterlini**, M. Ferrario, S. Barlati, P. Spano

Alternative splicing of mGlu6 gene generates a truncated glutamate receptor in rat retina. *Neuroreport*. (2001) 12:2711-5.

M. Paterlini

A missense mutation associated with schizophrenia. *Trends in Genetics* (2001) 17:316.

A. Valerio, S. Ferraboli, **M. Paterlini**, P.F. Spano, S. Barlati

Identification of novel alternatively-spliced mRNA isoforms of metabotropic glutamate receptor 6 gene in rat and human retina. *Gene*. (2001) 2:99-106.

M. Paterlini, V. Revilla, A.L. Grant and W. Wisden

Expression of the neuronal calcium sensor protein family in the rat brain. *Neuroscience*. (2000) 99:205-16.

A. Jones, **M. Paterlini**, W. Wisden and D. Merlo

Transgenic methods for directing gene expression to specific neuronal types: cerebellar granule cells. *Prog Brain Res*. (2000) 124: 69-80.

M. Paterlini, A. Valerio, F. Baruzzi, M. Memo and P.F. Spano

Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons. *Neuroscience Letters* (1998) 243:77-80.

A. Valerio, **M. Paterlini**, F. Baruzzi, M. Boifava, M. Memo and P.F. Spano
Metabotropic glutamate receptor mRNA expression in rat spinal cord. *Neuroreport* (1997) 8:2695-2699.

A. Valerio, P. Rizzonelli, **M. Paterlini**, G. Moretto, T. Knoepfel, R. Kuhn, M. Memo and P.F. Spano.
mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. *Neuroscience Research* (1997) 28:49-57.

A. Valerio, A. Alberici, **M. Paterlini**, M. Grilli, P. Galli, M. Pizzi, M. Memo and P.F. Spano. Opposing regulation of amyloid precursor protein by ionotropic and metabotropic glutamate receptors. *Neuroreport* (1995) 6:1317-1321.

FELLOWSHIPS

2003-2005 Telethon Fellowship for Italian Scientists Abroad

2000 Science Writer Fellowship from Armenise-Harvard Foundation, Harvard Medical School, Boston, USA

1999 EULO (Ente Universitario Lombardo) Fellowship

1998 EULO (Ente Universitario Lombardo) Fellowship

1998 Medical Research Council short-term Fellowship

COURSES

Design and Analysis of DNA Microarray Studies
Rockefeller University
April 18-20 2002

ORAL COMMUNICATIONS

M. Paterlini

Evidence that emergence of dopaminergic dysregulation underlies the genetic risk of the 22q11-associated psychiatric phenotypes.
Columbia University, New York, March 5 2004.

M. Paterlini

How does mGluR8 modulate intracellular calcium in photoreceptors cells?
Pharmacology Division, Weill Medical College, Cornell University, New York, May 18 2001.

M. Paterlini

Cerebellar circuitry. Pharmacology Division, Weill Medical College, Cornell University, New York, September 22 2000.

M. Paterlini

Cerebellar circuitry. Neurobiology Division, Medical Research Council, Cambridge, UK, May 19 1999.

M. Paterlini, A. Jones, A.N.J McKenzie, W. Wisden and D. Merlo

Directing gene expression to cerebellar granule cells by homologous recombination: gene knock-ins. British Neuroscience Association, 15th Annual Meeting, Harrogate (UK), April 11-14 1999.