

**Name:**

Gabriella Bottini

**Date and place of birth:**

Napoli, Italy, 22 -01- 1958.

**Nationality:**

Italian.

**Address:**

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Department of Brain and Behavioral Sciences, University of Pavia, Piazza Botta 11, 27100 Pavia, Italy.

Cognitive Neuropsychology Centre Alzheimer Disease Unit. ASST Grande Ospedale Metropolitano Niguarda, Milan , Italy.

**Educational background:**

1975 High School Graduation, Liceo Classico C. Beccaria, Milan.

1982 MD degree, University of Milan. (110 cum laude).

1986 Specialization in Neurology, University of Milan.

1991 PhD in Neurological Science.

Prize 1992: ARIN La valigia dell'Intelletto.

**Grants:**

1981-1982 Clinique Psychiatrique "Bel Air" - Université de Geneve, Suisse.

1984-1985 Neurology Institute – University of Milan.

1985-1986 Neurology Institute – University of Milan.

2001 PRIN [2001112485\_007] Co-applicant with Eraldo Paulesu.

2003 PRIN [2003112997\_009] Co-applicant with Eraldo Paulesu.

2005 PRIN [2005111097\_004] Co-applicant with Eraldo Paulesu.

2007 PRIN [2007JLKBL9\_002] Co-applicant with Eraldo Paulesu.

2010-2011 PRIN [2010ENPRYE\_005] Scientific responsible, Research Unit.

2009-2012 Tutor program for the neurocognitive study of SCI patients and motor neuron diseases.

2011- 2014 Mental Acute Performance in Stroke (MAPS)

2016 Local Coordinator of two Work-packages PROTON Horizon2020.

Gabriella Bottini has been Principal Investigator of about 15 Clinical Trials on Alzheimer Disease and ha recently attended the Advisory Board organized by the Lilly Pharmaceutical Company (Italy, Sesto Fiorentino-Florence, two days meeting).

**Fields of Research:**

Neuropsychology of Stroke, Alzheimer disease and other dementias, Drug resistant Epilepsy. Neglect, Body representation, Language and right hemisphere, Functional Neuroimaging, Neuromodulation (tDCS, Caloric Vestibular Stimulation, Galvanic Vestibular Stimulation).

**Positions held:**

1979-1981 Student Internship, Clinica Neurologica, University of Milan.

1986-1988 Resident Doctor, Clinica Neurologica, University of Milan.  
1990-1992 Neurologist assistant, Unità Operativa di Neurologia, Ospedale Niguarda, Milan.  
1992-1994 Research Fellow, MRC Cyclotron Unit, Hammersmith Hospital, London, U.K.  
1994-2000 Neurologist assistant, Unità Operativa di Neurologia, Ospedale Niguarda, Milan.  
2000-2011 Associated Professor, University of Pavia, Pavia.  
Present Full Professor, Department of Brain and Behavioral Sciences, University of Pavia, Pavia.  
Director of the Cognitive Neuropsychology Centre of the ASST Grande Ospedale Metropolitano, Niguarda, Milan, Italy.

**Member of:**

European Association of Neuroscience and Law (EANL): President  
International Society of Neuropsychology (INS)  
Società Italiana di Neuropsicologia (SINP)  
Società Italiana di Neurologia (SIN)  
Società Italiana di Neurologia Demmenze (SINdem)  
British Neuropsychology Society (BNS)  
Lega Italiana contro l'Epilessia (LICE)  
Associazione Italiana Psicologia (AIP)  
Osservatorio Alzheimer Comune di Milano  
NeuroMi  
Proboviro of the Associazione Italiana Malattia di Alzheimer (AIMA).

**Academic activity:**

Honorary Senior Lecturer, Institute of Neurology, London, U.K.

**Editorial activity:**

Guest referee for Brain, Journal of Neurology, Neurosurgery and Psychiatry, NeuroImage, Journal of Neuroscience, Frontiers in Human Neuroscience, Neuron, Perception, Emotion, Brain and Language, Neuropsychologia, Cortex, Epilepsy and Behaviour, Experimental Brain Psychology.  
Associate Editor: Neuroscience Letters.  
Guest Editor: Current Opinion in Neurology.

**Bibliometric indicators:**

H index (Scopus): 27  
Citations (Scopus): 2997

H index (Google Scholar): 31  
Citations (Google Scholar): 4572

**List of publications:**

d'Orio, P., Pelliccia, V., Gozzo, F., Cardinale, F., Castana, L., Russo, G. L., **Bottini G.**, Scarpa P. & Cossu, M. (2017). Epilepsy surgery in patients older than 50 years: effectiveness, safety, and predictors of outcome. *Seizure*.

Berlingeri, M., Losasso, D., Girolo, A., Cozzolino, E., Masullo, T., Scotto, M., Sberna M., **Bottini G.** & Paulesu, E. (2017). Resting state brain connectivity patterns before eventual relapse into cocaine abuse. *Behavioural brain research*, 327, 121-132.

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- Salvato, G., Scarpa, P., Francione, S., Mai, R., Tassi, L., Scarano, E., ... & **Bottini, G.** (2016). Declarative long-term memory and the mesial temporal lobe: Insights from a 5-year postsurgery follow-up study on refractory temporal lobe epilepsy. *Epilepsy & Behavior*, 64, 102-109.
- Scarpa, P., Toraldo, A., Peviani, V., & **Bottini, G.** (2016). Let's cut it short: Italian standardization of the MMSPE (Mini-Mental State Pediatric Examination), a brief cognitive screening tool for school-age children. *Neurological Sciences*, 1-6.
- Peviani, V., Scarpa, P., Toraldo, A., & **Bottini, G.** (2016). Accounting for ethnic-cultural and linguistic diversity in neuropsychological assessment of patients with drug-resistant epilepsy: A retrospective study. *Epilepsy & Behavior*, 64, 94-101.
- Sedda A, Tonin D, Salvato G, Gandola M, **Bottini G.** (2016). Left caloric vestibular stimulation as a tool to reveal implicit and explicit parameters of body representation. *Conscious Cogn*, 41, 1-9.
- Passoni S, Curinga T, Toraldo A, Berlingeri M, Fernandez I, **Bottini G** (2016). Preliminary results of a randomized controlled trial about the effectiveness of eye movement desensitization and reprocessing integrative group treatment protocol (EMDR-IGTP) for the reduction of psychological distress in caregiver of patients with dementia. *Journal of Alzheimers Disease*, 53, S25-S25.
- Danelli L, Berlingeri M, Lucchese M, Borghese A, Sberna M, **Bottini G**, Paulesu E (2016). How many deficits in the same dyslexic brains? Behavioural and fMRI evidence. *Journal of Alzheimers Disease*, 53, S62-S62.
- Bottini G**, Salvato G, Berlingeri M (2016). The brain safe mode: evidence from normal and pathological ageing. *Journal of Alzheimers Disease*, 53, S6-S7.
- Salvato G, Scarpa P, Francione S, Scarano E, Mai R, Tassi L, Lo Russo G, **Bottini G** (2016). Declarative long-term memory and the temporal lobe: insights from refractory epilepsy. *Journal of Alzheimers Disease*, 53, S66-S67.
- Ciricugno A, Basilico S, Gelosa G, Ambrogio T, **Bottini G** (2016). Dr Jekyll and Mr Hyde: the diagnosis disclosure. *Journal of Alzheimers Disease*, 53, S45-S46.
- De Santis C, Berlingeri M, Tettamanti M, **Bottini G**, Sberna M, Paulesu E (2016). All for one and one for all: a novel approach to single case studies with VBM. *Journal of Alzheimers Disease*, 53, S22-S23.
- Bottini G**, Gandola M. (2015). Beyond the Non-Specific Attentional Effect of Caloric Vestibular Stimulation: Evidence from Healthy Subjects and Patients. *Multisens Res.*, 28(5-6), 591-612.

- Ovadia D, **Bottini G.** (2015). Neuroethical implications of deep brain stimulation in degenerative disorders. *Curr Opin Neurol*, 28(6), 598-603.
- Ferrè ER, Haggard P, **Bottini G**, Iannetti GD (2015). Caloric vestibular stimulation modulates nociceptive evoked potentials. *Experimental brain research* 233 (12), 3393-3401.
- Berlingeri M, Ravasio A, Cranna S, Basilico S, Sberna M, **Bottini G**, Paulesu E. (2015). Unrealistic representations of "the self": A cognitive neuroscience assessment of anosognosia for memory deficit. *Conscious Cogn.*, 19 (37), 160-177.
- Romano D, Sedda A, Brugger P, **Bottini G** (2015). Body ownership: When feeling and knowing diverge. *Consciousness and cognition* 34, 140-148.
- Salvato G, Gandola M, Veronelli L, Agostoni EC, Sberna M, Corbo M, **Bottini G.** (2015). The spatial side of somatoparaphrenia: a case study. *Neurocase*, 14, 1-7.
- Bottini G**, Sedda A, Ovadia D (2015). Past present and future of neuroscience and law. *Italian Journal of Criminology*, 7 (1), 17-22.
- Gandola M, Sedda A, Manera M, Pingue V, Salvato G, Spitoni GF, Pistarini C, Giorgi I, Pizzamiglio L, **Bottini G.** (2014). Selective improvement of anosognosia for hemiplegia during transcranial direct current stimulation: A case report. *Cortex*, 61, 107-119.
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Fiori, F., Sedda, A., Ferre, E. R., Toraldo, A., Querzola, M., Pasotti, F., Ovadia, D., Piroddi, C., Dell'aquila, R., Redaelli, T., & **Bottini**, G. (2013). Motor imagery in spinal cord injury patients: Moving makes the difference. *J Neuropsychol*.

Fiori, F., Sedda, A., Ferre, E. R., Toraldo, A., Querzola, M., Pasotti, F., Ovadia, D., Piroddi, C., Dell'aquila, R., Lunetta, C., Corbo, M., & **Bottini**, G. (2013). Exploring motor and visual imagery in Amyotrophic Lateral Sclerosis. *Exp Brain Res*, 226(4), 537-547.

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**Bottini**, G., Gandola, M., Sedda, A., & Ferre, E. R. (2013). Caloric vestibular stimulation: interaction between somatosensory system and vestibular apparatus. *Front Integr Neurosci*, 7, 66.

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Berlingeri, M., Danelli, L., **Bottini**, G., Sberna, M., & Paulesu, E. (2013). Reassessing the HAROLD model: is the hemispheric asymmetry reduction in older adults a special case of compensatory-related utilisation of neural circuits? *Exp Brain Res*, 224(3), 393-410.

Derada Troletti I, Danelli L, Scarpa P, Francione S, Lo Russo G, Paulesu E, **Bottini G** (2013). Il disturbo di lettura nei pazienti con epilessia farmaco-resistente (EFFF). Bollettino-Lega Italiana contro l'Epilessia, 145, 240-242.

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- Cascardo B, Pelle F, Scarpa P, Piroddi C, **Bottini G** (2011). exploring cognitive functions during insular stimulation by means of intracerebral electrodes in patients with drug-resistant epilepsy. *Epilepsia* *52*, 227-227.
- Sedda, A., Monaco, S., **Bottini, G.**, & Goodale, M. A. (2011). Integration of visual and auditory information for hand actions: preliminary evidence for the contribution of natural sounds to grasping. *Exp Brain Res*, *209*(3), 365-374.
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