

## **CURRICULUM VITAE**

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### STUDI

Liceo Classico A. Manzoni, Milano: 1967-1972  
Università Statale di Milano: 1978, Laurea in Medicina e Chirurgia con lode  
Università Statale di Milano: 1982, Specializzazione in Neurologia, con lode

### POSIZIONI PROFESSIONALI

1978: Tirocinio Pratico Ospedaliero presso la Clinica Neurologica dell'Università di Milano (Direttore: Prof. G. Scarlato)  
1980-1981: Servizio militare in qualità di Sottotenente Medico  
1982-1988: Assistente presso la Divisione Neurologica dell'Ospedale Niguarda-Ca' Granda di Milano (Primario: Prof. F. Erminio)  
1988- 1992: Ricercatore presso la Clinica Neurologica dell'Università di Brescia (Direttore: Prof. L. A. Vignolo)  
1992-1999 : Professore associato di Neurologia e Riabilitazione Neurologica presso la Facoltà di Medicina e Chirurgia dell'Università di Brescia  
1999:- Professore Ordinario di Neuropsicologia, Università Vita Salute San Raffaele, Milano  
2000:- Preside Facoltà di Psicologia, Università Vita Salute San Raffaele, Milano  
2000:- Direttore Neurologia, San Raffaele Turro, Milano

### SOGGIORNI DI RICERCA ALL' ESTERO

1977 (agosto-settembre) presso la Behavioral Neurology Unit del Veterans Administration Hospital di Boston (USA) (Direttore: Prof.F.D. Benson)  
1987 (settembre-ottobre) presso il Department of Brain and Cognitive Science del Massachusetts Institute of Technology e la Memory Clinic del Massachusetts General Hospital di Boston (USA) (Direttore: Prof. S. Corkin)  
1988 (febbraio-maggio) presso la Medical Research Council Cyclotron Unit, PET Section, dell'Hammersmith Hospital di Londra (GB) (Direttore: Prof. R. Frackowiak)  
1998 (luglio) Max Planck Institut fuer Neuropsychologische Forschung, Leipzig (D)  
1999, 2000, 2001 (agosto) Department of Brain and Cognitive Science, Massachusetts Institute of Technology, Cambridge (USA)  
2002,2003,2004,2005 (luglio-agosto) Visiting Scientist, Department of Cognitive Science, University of California San Diego

### AFFILIAZIONE A SOCIETA' SCIENTIFICHE

Sezione di Neuropsicologia della Società Italiana di Neurologia, dal 1979  
International Neuropsychological Symposium, dal 1988  
Research Group on Aphasia and Cognitive Disorders della World Federation of Neurology, dal 1990  
Società Italiana di Neurologia, dal 1990  
Academy of Aphasia, dal 1992  
Society of Neuroscience, dal 1992  
Responsabile del panel di Neurologia Cognitiva, European Federation of Neurological Societies, 2000-2007

### FINANZIAMENTI DI STUDIO E RICERCA

1977 Italo-American Medical Education Foundation

1980: NATO, Advanced School in Neuropsychology  
1981: European training Programme in Brain and Behavior Research  
1985: European training Programme in Brain and Behavior Research  
1987: Short-term fellowship, European training Programme in Brain and Behavior Research  
1982-1988: Research grant “Behavioral Sciences”, Italian National Research Council (CNR)  
1988-1999: annual research grants, Italian Ministry for University and Scientific Research (MURST)  
1991-1993: Research grant “Traumatic brain injury”, Regione Lombardia  
1992-1995: Research grant, “Selective neuropsychological syndromes”, CNR  
1993-1995: BIOMED grant, “Recovery from aphasia”  
1996-1998: BIOMED grant, “Brain imaging in dyslexia”  
1997-1998: Concerted Action, “Pick’s disease”  
1999-2000: National University Project, “Traumatic Brain damage”, MURST  
1999-2000: Progetto Finalizzato, “Neuroimaging of cognitive processes in aging”, Italian Ministry of Health  
2000-2003: Human Frontier Science Program grant (PI G. Vigliocco) “Meaning representations in the brain”  
2003-2005, 2005-2007: PRIN (coordinatore)  
2006-2009: NEST Project “Abstract”, 6<sup>th</sup> FP EEC, PI

#### ATTIVITA' EDITORIALE

Editor di Aphasiology, Cortex, Neurological Sciences, Future Neurology, Neuropsychological Rehabilitation  
Editor in Chief, Behavioural Neurology  
“Ad hoc reviewer” per più di 20 riviste internazionali  
Grant reviewer per agenzie italiane e straniere (UK, Francia, Germania, Svizzera, Irlanda, Israele, Australia)

## Publicazioni internazionali in riviste peer-reviewed

- 1) Cappa SF, Vignolo LA Transcortical features of aphasia following left thalamic hemorrhage. *Cortex* 15, 121-130, 1977
- 2) Cappa SF, Cavallotti G, Vignolo LA Phonemic and lexical errors in fluent aphasia: correlation with lesion site. *Neuropsychologia* 19, 171-178, 1981
- 3) Valli G, Cappa SF A very delayed case of post-irradiation myelopathy with unusual features. *Italian Journal of Neurological Sciences* 2, 313-314, 1981
- 4) Cappa SF, Vignolo LA Locked-in syndrome for 12 years with preserved intelligence. *Annals of Neurology* 11, 545, 1982
- 5) Cappa SF, Cavallotti G, Guidotti M, Papagno C e Vignolo LA Subcortical aphasia: two clinical-CT scan correlation studies. *Cortex* 19, 227-241, 1983
- 6) Cappa SF, Vignolo LA CT Scan studies of aphasia. *Human Neurobiology* 2, 129-134, 1983
- 7) Valli G, Barbieri S, Cappa SF, Pellegrini G, Scarlato G Syndromes of abnormal muscular activity: overlap between continuous muscle fibre activity and the stiff-man syndrome. *Journal of Neurology Neurosurgery and Psychiatry* 46, 241-247, 1983
- 8) Cappa SF, Vignolo LA Chronic locked-in syndrome: psychological study of a case. *European Neurology* 24, 107-111, 1985
- 9) Cappa SF, Riva M, Sterzi R, Canepari C, Delzanno GB Brainstem haematoma with complete recovery. *Journal of Neurology* 232, 352-353, 1985
- 10) Cappa SF, Papagno C, Vallar G, Vignolo LA Aphasia does not always follow left thalamic hemorrhage: a study of five negative cases. *Cortex* 22, 639-647, 1986
- 11) Gasparini M, Arosio M, Galbiati E, Cappa SF, Rota E, Bevilacqua L, Sterzi R Neurological complications of cerebral angiography. *Italian Journal of Neurological Sciences* 7, 353-358, 1986
- 12) Vallar G, Cappa SF Articulation and verbal short-term memory: evidence from anarthria. *Cognitive Neuropsychology* 4, 55-78, 1987
- 13) Cappa SF, Guidotti M, Papagno C, Vignolo LA Speechlessness with occasional vocalizations after bilateral opercular damage. *Aphasiology* 1, 35-39, 1987
- 14) Cappa SF, Cavallotti G, Vignolo LA Jargonagraphia: clinical and neuropsychological correlates. *Neuropsychologia* 25, 281-286, 1987
- 15) Cappa SF, Sterzi R, Vallar G, Bisiach E Remission of hemineglect and anosognosia after vestibular stimulation. *Neuropsychologia* 25, 775-782, 1987
- 16) Perani D, Vallar G, Cappa SF, Messa C, Fazio F Aphasia and neglect after subcortical stroke. *Brain* 110, 1211-1229, 1987
- 17) Cappa SF, Vignolo LA Sex differences in brain lesions underlying global aphasia. *Aphasiology* 2, 259-264, 1988
- 18) Perani D, Papagno C, Cappa SF, Gerundini P, Fazio F Crossed aphasia: an investigation with single photon emission computerized tomography. *Cortex* 24, 171-178, 1988
- 19) Perani D, Di Piero V, Vallar G, Cappa SF, Messa C, Bottini G, Berti A, Scarlato G, Lenzi GL, Gerundini P, Fazio F Tc 99m HM-PAO SPECT studies of regional cerebral blood flow in senile dementia of Alzheimer type of recent onset. *Journal of Nuclear Medicine* 29, 1507-1515, 1988
- 20) Vallar G, Papagno C, Cappa SF Latent dysphasia after left hemisphere lesions: a lexical-semantic and verbal memory deficit. *Aphasiology* 2, 463-478, 1988
- 21) Cappa SF, Guariglia C, Papagno C, Pizzamiglio L, Vallar G, Zoccolotti P, Ambrosi B, Santiemma V Patterns of lateralization and performance levels for verbal and spatial tasks in congenital androgen deficiency. *Behavioral Brain Research* 31, 177-183, 1988
- 22) Vallar G, Perani D, Cappa SF, Messa C, Lenzi GL, Fazio F Recovery from aphasia and neglect after subcortical stroke: neuropsychological and cerebral perfusion study. *Journal of Neurology Neurosurgery and Psychiatry*, 51, 1269-1276, 1988
- 23) Cappa SF, Papagno C, Vallar G, Vignolo LA Thalamic aphasia. *Neurology*, 39, 874, 1989

- 24) Pizzamiglio L, Cappa SF, Vallar G, Zoccolotti PL, Bottini G, Ciurli P, Guariglia C, Antonucci G Visual neglect for far and near extra-personal space in humans. *Cortex* 25, 471-477, 1989
- 25) Cappa SF, Sterzi R Infarction in the territory of the anterior choroidal artery: a cause of transcortical motor aphasia. *Aphasiology* 4, 213-217, 1990
- 26) Anzola GP, Bevilacqua L, Cappa SF, Capra R, Faglia L, Farina E., Frisoni G, Mariani C, Pasolini MP, Vignolo LA Neuropsychological assessment in patients with relapsing-remitting multiple sclerosis and mild functional impairment: correlation with MRI. *Journal of Neurology Neurosurgery and Psychiatry* 53, 142-145, 1990
- 27) Vallar G, Sterzi R, Bottini G, Cappa SF, Rusconi ML Temporary remission of left haneesthesia after vestibular stimulation. A sensory neglect phenomenon. *Cortex* 26, 123-131, 1990
- 28) Dalla Volta G, Magoni M, Cappa SF, Di Monda V Insomnia and perceptual disturbances during flunarizine treatment. *Headache* 30, 62-63, 1990
- 29) Bottini G, Cappa SF, , Geminiani G, Sterzi R Topographic disorientation. A case report. *Neuropsychologia* 28, 309-312, 1990
- 30) Cappa SF, Papagno C, Vallar G Language and verbal memory after right hemispheric stroke: a clinical-CT scan study. *Neuropsychologia* 28, 503-509, 1990
- 31) Canepari C, Cappa SF, Perani D, Riva M, Sterzi R, Fazio F Sneddon syndrome. Cerebral perfusion studies by Tc-99m HM-PAO and SPECT. *Italian Journal of Neurological Sciences* 12, 39-44, 1991
- 32) Bottini G, Cappa SF, Vignolo LA Somesthetic-visual matching disorders in right and left hemisphere-damaged patients. *Cortex* 27, 223-228, 1991
- 33) Colombi M, Gardella R, Barlati S, Cappa SF, Marini D, Gasparotti R Cerebellar ataxia in a family with epidermolysis bullosa dystrophica. *Archives of Dermatology* 127, 1737, 1991
- 34) Cappa SF, Guariglia C, Messa C, Pizzamiglio L, Zoccolotti P Computed tomographic correlates of chronic unilateral neglect. *Neuropsychology* 5, 195-204, 1991
- 35) Mariani C, Farina E, Cappa SF, Anzola GP, Faglia L, Bevilacqua L, Capra R, Mattioli F, Vignolo LA Neuropsychological assessment in multiple sclerosis: a follow-up study with magnetic resonance imaging. *Journal of Neurology* 238, 395-400, 1991
- 36) Vallar G, Rusconi ML, Geminiani G, Berti A, Cappa SF Visual and nonvisual neglect after unilateral brain lesions: modulation by visual input. *International Journal of Neuroscience* 61, 229-239, 1991
- 37) Fazio F, Perani D, Gilardi MC, Colombo F, Cappa SF, Vallar G, Bettinardi V, Paulesu E, Alberoni M, Bressi S, Franceschi M, Lenzi GL Metabolic impairment in human amnesia: a PET study of memory networks. *Journal of Cerebral Blood Flow and Metabolism*, 12, 353-358, 1992
- 38) Cappa SF, Vallar G Neurological correlates of recovery in aphasia. *Aphasiology* 6, 359-372, 1992
- 39) Bottini G, Vallar G, Cappa SF, Monza GC, Scarpini E, Baron P, Cheldi A, Scarlato G Oxiracetam in dementia: a double-blind, placebo-controlled study. *Acta Neurologica Scandinava* 86, 237-241, 1992
- 40) Cappa SF, Truong TM, Vangi D, Vignolo LA The neuropsychological consequences of HIV infection in drug addicts. *Italian Journal of Neurological Sciences* 13, 465-469, 1992
- 41) Perani D, Gilardi MC, Cappa SF, Fazio F PET studies of cognitive functions. *Journal of Nuclear Medicine and Allied Sciences* 36, 324-336, 1992
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- 43) Cappa SF, Perani D, Bressi S, Paulesu E, Franceschi M, Fazio F Crossed aphasia: a positron emission tomography follow-up study of two cases. *Journal of Neurology Neurosurgery and Psychiatry*, 56, 665-671, 1993

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- 45) Latronico N, Bochicchio M, Montaguti P, Cappa SF, Perone G, Tansini A, Toninelli A, Candiani A Protirelin treatment in critically ill severe head-injured patients: a double-blind, placebo-controlled, prospective study. *Clinical Intensive Care* 4, 166-173, 1993
- 46) Cappa SF, De Fanti CA, De Marco R, Magni E, Messa C and Fazio F Progressive dysphasic dementia with bucco-facial apraxia: a case report, *Behavioural Neurology*, 6, 159-163, 1993
- 47) Binetti G, Magni E, Padovani A, Cappa SF, Bianchetti A, Trabucchi M Neuropsychological heterogeneity in mild Alzheimer disease: results of cluster analysis, *Dementia* 4, 321-326, 1993
- 48) Cappa SF, Miozzo A, Frugoni M Glossolalic jargon after a right hemispheric stroke in a patient with Wernicke's aphasia. *Aphasiology* 8, 83-87, 1994
- 49) Farina E, Cappa SF, Polimeni M, Magni E, Canesi M, Zecchinelli A, Scarlato G, Mariani C Frontal-type dysfunction in the early stages of parkinson's disease, *Acta Neurologica Scandinavica* 90, 34-38, 1994
- 50) Bottini G, Sterzi R, Paulesu E, Vallar G, Cappa SF, Erminio F, Passingham RE, Frith CD, Frackowiak RSJ Identification of the central vestibular projections in man. A positron emission tomography activation study. *Experimental Brain Research* 99, 164-169, 1994
- 51) Miozzo A, Soardi M, Cappa SF Pure anomia with spared action naming due to a left temporal lesion, *Neuropsychologia* 32, 1101-1109, 1994
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- 53) Binetti G, Magni E, Cappa SF, Padovani A, Bianchetti A, Trabucchi M Release from proactive interference in early Alzheimer's disease. *Neuropsychologia* 33, 379-384, 1995
- 54) Bottini G, Cappa SF, Sterzi R, Vignolo LA Disorders of somesthetic recognition in right and left hemisphere-damaged patients. *Brain* 118, 395-399, 1995
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- 58) Binetti G, Cappa SF, Magni E, Padovani A, Bianchetti A, Trabucchi M. Disorders of Visual and Spatial Perception in the Early Stage of Alzheimer's Disease. *Annals New York Academy of Sciences* 1996;777:221-225.
- 59) Cappa SF, Perani D, Messa C, Miozzo A, Fazio F. Varieties of progressive non-fluent aphasia. *Annals New York Academy of Sciences* 1996;777:2243-248.
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- 63) Cappa SF, Ielasi W, Gorno Tempini ML, Miozzo A Deep dysphasia: a study of errors in oral and written production. *Neurocase* 2, 213-220
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- 67) Gorno ML, Miozzo A, Mattioli F, Cappa SF Isolated palilalia: a case report. *European Journal of Neurology* 4, 94-96, 1997
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- 69) Toni, C, Cappa, SF, Boldrini, M, Frare, F, Pedri, S, Medda, P, Cassano, GB, Perugi G A selective pattern of neuropsychological dysfunction in patients with panic disorder-agoraphobia, *CNS Spectrums* 2, 64-76, 1997
- 70) Doricchi F, Perani D, Incoccia C, Grassi F, Cappa SF, Bettinardi V, Galati G, Pizzamiglio L, Fazio F, Neural control of "fast regular" reflex saccades and antisaccades. A PET study with psychophysically validated oculomotor tasks. *Experimental Brain Research* 116, 50-62, 1997
- 71) Rozzini L, Bianchetti A, Lussignoli G, Cappa SF, Trabucchi M, Surface dyslexia in an Italian patient with semantic dementia, *Neurocase* 3, 307-312, 1997
- 72) Zettin M, Cappa SF, D'Amico A, Rago R, Perino C, Perani D, Fazio F, Agrammatic speech production after a right cerebellar haemorrhage, *Neurocase* 3, 375-380, 1997
- 73) Cappa SF, Nespor M, Ielasi W, Miozzo A The representation of stress: evidence from an aphasic patient, *Cognition* 65, 1-13, 1997
- 74) Binetti G, Cappa SF, Magni E, Padovani A, Bianchetti A, Trabucchi M, Visual and spatial perception in the early phase of Alzheimer's disease, *Neuropsychology* 12, 29-33, 1998
- 75) Cappa SF, Binetti G, Pezzini A, Padovani A, Rozzini L, Trabucchi M Object and action naming in Alzheimer's disease and fronto-temporal dementia, *Neurology* 50, 351-355, 1998
- 76) Pizzamiglio L, Perani D, Cappa SF, Vallar G, Paolucci S, Grassi F, Paulesu E, Fazio F Recovery of neglect after right hemispheric damage: A H215O PET activation study, *Archives of Neurology*, 561-568, 1998
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- 87) Cappa, S.F. Neuroimaging of recovery of aphasia. *Neuropsychological Rehabilitation*, 10, 209-217, 2000
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