

SAMANTHA GALLUZZI CURRICULUM VITAE

Samantha Galluzzi was born in Trieste on December 31st, 1971. She graduated in Medicine at the University of Brescia (110/110), and specialized in Geriatric Medicine at the University of Pavia in 2005 (50/50). The title of her thesis was "In vivo detection of grey matter loss in neurodegenerative dementias: different patterns of atrophy in Alzheimer's disease, Lewy body dementia, frontotemporal dementia, and primary progressive aphasia".

Since 2001 to date she is worked as Senior researcher at LENITEM (Laboratory of Epidemiology, Neuroimaging and Telemedicine, Director: Giovanni B Frisoni), IRCCS S.Giovanni di Dio-Fatebenefratelli, The National Centre for Research and Care of Alzheimer's and Mental Diseases - Brescia, Italy. Her main research interests cover the epidemiology of cognitive impairment and clinical criteria to be applied in clinical practice; the influence of white matter lesions on cognitive and non-cognitive symptoms in healthy older individuals and patients with cognitive impairment; and the diagnostic and prognostic value of biological, especially neuroimaging, markers in prodromal Alzheimer's disease.

Currently she is involved in the "Prediction of cognitive properties of new drug candidates for neurodegenerative diseases in early clinical development (PHARMA-COG)" study, a project funded by European Commission, IMI Innovative Medicines Initiative, to accelerate development of novel therapeutic agents for Alzheimer's disease using a 'MATRIX' approach i.e. conducting parallel experiments in animals and human using a comprehensive and standardised battery of behavioural, neurophysiological, morphological/functional imaging, and biochemical endpoints. In particular, she is involved as clinical coordinator in the WP5, aimed to identify biomarkers to track the progression of the disease in humans that are homologous to those used in animal models. WP5 uses as core markers those harmonized in the context of the North American ADNI (Alzheimer's Disease Neuroimaging Initiative) and expands them with specific structural, functional, microstructural, molecular, central, and peripheral markers. WP5 is thus labeled as the "European ADNI".

She is author of about 40 Pub Med-indexed papers.

List of indexed publications:

- **Galluzzi S**, Geroldi C, Amicucci G, Bocchio-Chiavetto L, Bonetti M, Bonvicini C, Cotelli M, Ghidoni R, Paghera B, Zanetti O, Frisoni GB; Translational Outpatient Memory Clinic Working Group. Supporting evidence for using biomarkers in the diagnosis of MCI due to AD. *J Neurol.* 2013;260:640-50.

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- Frisoni GB, **Galluzzi S**, Signorini M, Garibotto V, Paghera B, Binetti G, Canu E, Geroldi C, Perani D. Preliminary evidence of validity of the revised criteria for Alzheimer disease diagnosis: report of 2 cases. *Alzheimer Dis Assoc Disord.* 2010;24:108-14.
- **Galluzzi S**, Testa C, Boccardi M, Bresciani L, Benussi L, Ghidoni R, Beltramello A, Bonetti M, Bono G, Falini A, Magnani G, Minonzio G, Piovan E, Binetti G, Frisoni GB. The Italian Brain Normative Archive of structural MR scans: norms for medial temporal atrophy and white matter lesions. *Aging Clin Exp Res.* 2009;21:266-76.
- **Galluzzi S**, Nicosia F, Geroldi C, Alicandri A, Bonetti M, Romanelli G, Zulli R, Frisoni GB. Cardiac autonomic dysfunction is associated with white matter lesions in patients with mild cognitive impairment. *J Gerontol A Biol Sci Med Sci.* 2009;64:1312-5
- Frisoni GB, Prestia A, Zanetti O, **Galluzzi S**, Romano M, Cotelli M, Gennarelli M, Binetti G, Bocchio L, Paghera B, Amicucci G, Bonetti M, Benussi L, Ghidoni R, Geroldi C. Markers of Alzheimer's disease in a population attending a memory clinic. *Alzheimers Dement.* 2009;5:307-17.
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- **Galluzzi S**, Geroldi C, Benussi L, Ghidoni R, Testa C, Borsci G, Bonetti M, Manfellotto D, Romanelli G, Zulli R, Binetti G, Frisoni GB. Association of blood pressure and genetic background with white matter lesions in patients with mild cognitive impairment. *J Gerontol A Biol Sci Med Sci.* 2008
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- **Galluzzi S**, Sheu CF, Zanetti O, Frisoni GB. Distinctive clinical features of mild cognitive impairment with subcortical cerebrovascular disease. *Dement Geriatr Cogn Disord.* 2005;19:196-203.
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the diagnostic evaluation of patients with cognitive impairment. Consensus paper of the European Alzheimer's Disease Consortium (EADC). *J Neurol Neurosurg Psychiatry* 2003;74:1371-81.

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Book's chapters:

- Frisoni GB, **Galluzzi S**. Il decadimento cognitivo lieve di origine degenerativa e vascolare. In: "Le demenze" 3° ed., M Trabucchi (ed.), Milano: UTET 2002, pp 383-417.

Geroldi C, **Galluzzi S**, DeCarli C. Fattori modulatori del rapporto fra struttura cerebrale e cognitivita'. In "Il Neuroimaging nella Diagnosi di Malattia di Alzheimer: Problemi, Strumenti, Linee Guida" GB Frisoni, M Trabucchi (eds), Roma: Il Pensiero Scientifico Ed. 2000, p 13-20.

List of non-indexed publications:

- **Galluzzi S**, Calvagna C, Geroldi C, Zanetti O, Binetti G, Frisoni GB. Mild cognitive impairment with subcortical vascular features: a case report. *Brain Aging* 2003;3:48-56.

- **Galluzzi S**, Testa C, Sabattoli F, Geroldi C, Beltramello A, Frisoni GB. Voxel-based morphometry in multiple system atrophy. *Brain Aging* 2002;2:54-56.

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Brescia, 6 novembre 2013

A handwritten signature in black ink, appearing to read 'Gabriele Galluzzi', written in a cursive style.