

CURRICULUM VITAE

Personal data

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| <i>Name</i> | MICHELA PIEVANI |
| <i>Date of Birth</i> | October 13th, 1979 |
| <i>Nationality</i> | Italian |
| <i>Affiliation</i> | Laboratory of Epidemiology Neuroimaging & Telemedicine (LENITEM). IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, via Pilastroni 4, 25125 Brescia, Italy. P: +39 030 3501361. F: +39 030 3501592. E: mpievani@fatebenefratelli.it |

Education and training

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| 2011 | PhD in Experimental Neurology at the Scientific Institute and University Ospedale San Raffaele, Milan, Italy. Thesis title: <i>Structural and functional brain abnormalities in neurodegenerative disorders assessed with MRI techniques</i> . Supervisor: Prof. Massimo Filippi |
| 2007 | Visiting Scientist, Brain Imaging Centre (Head: A.C. Evans), Montreal Neurological Institute, McGill University, Montreal, Canada. Topic: Cortical thickness analysis in Alzheimer's Disease |
| 2006 | Visiting Scientist, Imaging of Dementia and Aging Laboratory (Head: C. De Carli), Sacramento, Davis (CA), USA. Topic: White matter lesions assessment in mild cognitive impairment |
| 2002 | Degree in Mathematics at the Sacro Cuore Catholic University, Brescia, Italy |

Positions

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| 2008-onwards | Research Fellow, LENITEM, IRCCS Fatebenefratelli, Brescia, Italy |
| 2005-2007 | Research Assistant, LENITEM, IRCCS Fatebenefratelli, Brescia, Italy |
| 2004 | Student Fellowship, LENITEM, IRCCS Fatebenefratelli, Brescia, Italy |
| 2003 | Programmer Internship, Teinos Srl, Torre de' Roveri, Bergamo, Italy |

Grants

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| 2014 | Principal Investigator for the project "A non-invasive, multimodal approach to restore functional networks and cognition in Alzheimer's disease and frontotemporal dementia". Funded by the Italian Ministry of Health (€285000). |
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Main domain of research

Research activities are focused on the investigation of Alzheimer's Disease and related disorders with neuroimaging tools (structural MR, resting-state fMRI and DTI) to (i) enhance the understanding of disease mechanisms and (ii) identify novel biomarkers of disease onset and progression.

Publications

Author of 44 publications indexed in PubMed

([http://www.ncbi.nlm.nih.gov/pubmed/?term=%22pievani+m%22\[au\]](http://www.ncbi.nlm.nih.gov/pubmed/?term=%22pievani+m%22[au])).

Member of the Editorial Advisory Panel of Scientific Reports. Reviewer for several international scientific journals such as *Neurobiology of Aging*, *Alzheimer's & Dementia*, *American Journal of Radiology*, *Neuroradiology*, *Radiology*, *PlosOne*. External reviewer for international funding organizations such as *Innovational Research Incentives Scheme Vidi*; *Stichting voor Alzheimer Onderzoek - Fondation pour la Recherche sur la Maladie Alzheimer (SAO-FRMA)*; *Netherlands Organisation for Health Research and Development (ZonMw)*; *Alzheimer's Research UK (ARUK)*; *Austrian Science Fund (FWF)*; *Sir Henry Wellcome Postdoctoral Fellowship Application (Wellcome Trust)*.

Selected publications:

Ferrarini L, van Lew B, Reiber JH, Gandin C, Galluzzo L, Scafato E, Frisoni GB, Milles J, **Pievani M**. Hippocampal atrophy in people with memory deficits: results from the population-based IPREA study. *Int Psychogeriatr*. 2014 Jul;26(7):1067-81.

Pievani M, Paternicò D, Benussi L, Binetti G, Orlandini A, Cobelli M, Magnaldi S, Ghidoni R, Frisoni GB. Pattern of structural and functional brain abnormalities in asymptomatic granulin mutation carriers. *Alzheimers Dement*. 2014 Jan 10.

Pievani M, Bocchetta M, Boccardi M, Cavedo E, Bonetti M, Thompson PM, Frisoni GB. Striatal morphology in early-onset and late-onset Alzheimer's disease: a preliminary study. *Neurobiol Aging*. 2013 Jul;34(7):1728-39.

Pievani M, de Haan W, Wu T, Seeley WW, Frisoni GB. Functional network disruption in the degenerative dementias. *Lancet Neurol*. 2011 Sep;10(9):829-43.

Frisoni GB, **Pievani M**, Testa C, Sabattoli F, Bresciani L, Bonetti M, Beltramello A, Hayashi KM, Toga AW, Thompson PM. The topography of grey matter involvement in early and late onset Alzheimer's disease. *Brain*. 2007 Mar;130(Pt 3):720-30.

Conference presentations:

Pievani M. Relation of apoE to brain structure and function in Alzheimer's disease and aging. CTAD (Clinical Trials for Alzheimer Disease), Monte Carlo, Monaco, October 29-31, 2012. Invited Speaker.

Pievani M, Bocchetta M, Boccardi M, Galluzzi S, Bonetti M, Thompson PM, Frisoni GB. Morphological differences in the striatum in early and late onset Alzheimer's disease. International Conference on Alzheimer's Disease (AAIC), Vancouver, British Columbia, Canada, July, 13-19, 2012. Oral communication.

Pievani M. Relation of apoE to brain structure and function in Alzheimer's disease and aging. 12th International Stockholm/Springfield Symposium on Advances in Alzheimer Therapy, Stockholm, Sweden, May 9-12, 2012. Invited Speaker.