

CLAUDIA FRACASSI

CURRICULUM VITAE

PERSONAL DETAILS:

Data of birth: 2th October 1973
Place of birth: Brescia Italy
Nationality: Italian

CURRENT POSITION:

Research Assistant
Working at the Cognitive neuroscience section headed by Professor C. Miniussi
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ACADEMIC AND PROFESSIONAL QUALIFICATIONS:

•“Laurea” in Psychology awarded on Feb 2001. University of Padova, Faculty of Psychology, Padova, Italy

RESEARCH INTERESTS

•Qualitative and quantitative EEG analysis in Alzheimer

EXPERTISE

•Acquisition of electroencephalographic activity (EEG); software: BrainVision (Recorder).
•Analysis of EEG signal, both in the time (ERP) and in the frequency domain (FFT), software: BrainVision (Analyzer)
•Acquisition and analysis of EEG signal in EEG-TMS co-registration studies.

PUBLICATIONS:

Babiloni C, Miniussi C, Babiloni F, Carducci F, Cincotti F, Del Percio C, Sirello G, **Fracassi C**, Nobre AC, Rossini PM. Sub-second "temporal attention" modulates alpha rhythms. A high-resolution EEG study. *Brain Res Cogn Brain Res*. 2004 May;19(3):259-68.

Moretti DV, Pievani M, **Fracassi C**, Geroldi C, Calabria M, De Carli CS, Rossini PM, Frisoni GB. Brain vascular damage of cholinergic pathways and EEG markers in mild cognitive impairment. *J Alzheimers Dis*. 2008 Nov;15(3):357-72.

Babiloni C, Frisoni GB, Pievani M, Vecchio F, Infarinato F, Geroldi C, Salinari S, Ferri R, **Fracassi C**, Eusebi F, Rossini PM. White matter vascular lesions are related to parietal-to-frontal coupling of EEG rhythms in mild cognitive impairment. *Hum Brain Mapp*. 2008 Dec;29(12):1355-67.

Moretti DV, **Fracassi C**, Pievani M, Geroldi C, Binetti G, Zanetti O, Sosta K, Rossini PM, Frisoni GB. Increase of theta/gamma ratio is associated with memory impairment. *Clin Neurophysiol*. 2009 Feb;120(2):295-303.

Babiloni C, Pievani M, Vecchio F, Geroldi C, Eusebi F, **Fracassi C**, Fletcher E, De Carli C, Boccardi M, Rossini PM, Frisoni GB. White-matter lesions along the cholinergic tracts are related to cortical sources of EEG rhythms in amnesic mild cognitive impairment *Hum Brain Mapp*. 2009 May;30(5):1431-43.

Babiloni C, Frisoni GB, Pievani M, Vecchio F, Lizio R, Buttiglione M, Geroldi C, **Fracassi C**, Eusebi F, Ferri R, Rossini PM. Hippocampal volume and cortical sources of EEG alpha rhythms in mild cognitive impairment and Alzheimer disease *Neuroimage*. 2009 Jan 1;44(1):123-35.

Moretti DV, Pievani M, **Fracassi C**, Binetti G, Rosini S, Geroldi C, Zanetti O, Rossini PM, Frisoni GB. Increase of theta/gamma and alpha3/alpha2 ratio is associated with amygdalo-hippocampal complex atrophy. *J Alzheimers Dis.* 2009;17(2):349-57

Babiloni C, Frisoni GB, Vecchio F, Lizio R, Pievani M, Cristina G, **Fracassi C**, Vernieri F, Rodriguez G, Nobili F, Ferri R, Rossini PM. Stability of clinical condition in mild cognitive impairment is related to cortical sources of alpha rhythms: An electroencephalographic study. *Hum Brain Mapp.* 2010 Dec 22

Moretti DV, Frisoni GB, **Fracassi C**, Pievani M, Geroldi C, Binetti G, Rossini PM, Zanetti O. MCI patients' EEGs show group differences between those who progress and those who do not progress to AD. *Neurobiol Aging* 2011, 32 (4) 563-71

Moretti DV, Prestia A, **Fracassi C**, Geroldi C, Binetti G, Rossini PM, Zanetti O, Frisoni GB. Volumetric differences in mapped hippocampal regions correlate with increase of high alpha rhythm in Alzheimer's disease. *Int J Alzheimers Dis* 2011