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## CURRICULUM VITAE – [Claudio BABILONI](#), Ph.D.

NAME	POSITION TITLE
<b>Claudio BABILONI</b>	Associate Professor of Physiology at the University of Rome “La Sapienza”, Rome, Italy Head of the Lab of Cognitive Neuroscience

### Education/Training

2000: Ph.D. in Biomedical Sciences | University of Aalborg, Aalborg, Denmark.

1987: Degree (“Laurea”) in Psychology | University of Rome “La Sapienza”, Rome, Italy

### Positions

Since 2013 to date: Associate Professor of Physiology | University of Rome “La Sapienza”, Rome, Italy.

2007 (November)-2012 (December): Associate Professor of Physiology | University of Foggia, Rome, Italy.

1988-2007 (November): Technologist in Research Area | University of Rome “La Sapienza”, Rome, Italy.

### Top 5 Research Support

- **PHARMACOG**: Prediction of cognitive properties of new drug candidates for neurodegenerative diseases in early clinical development (2010-2015). Sponsor: European Commission and the European pharmaceutical industry (via EFPIA) under the auspices of the Innovative Medicines Initiative Joint Undertaking (IMI JU). Role: PI of Research Unit.
- **DECIDE**: Diagnostic enhancement of confidence by an International distributed environment (2010-2013). Sponsor: European commission FP7 ICT-Infrastructures (<https://eu-decide.eu>). Role: PI of Research Unit.
- **ITALIAN-ADNI**: Diagnosis of incipient Alzheimer disease: development of ADNI-based imaging markers for use by the National Health System (2010-2013). Sponsor: Focused Research Call of Italian Ministry of Health. Role: PI Res Unit.
- **CONNAGE**: Functional connectivity and neuroplasticity in physiological and pathological aging (2013-2015). Sponsor: Research Call of Italian Ministry of University and Technology. Role: PI of Research Unit.
- **GRIDCORE**: GRID-based System for the Evaluation of the effects of Cognitive Rehabilitation in Patients with Alzheimers Disease and Parkinsons Disease (2013-2016). Sponsor: Focused Research Call of Italian Ministry of Health.

### Top 5 Relevant Publications (last 5 years)

- Babiloni C, ..., Frisoni GB. Occipital sources of resting-state alpha rhythms are related to local gray matter density in subjects with amnesic mild cognitive impairment and Alzheimer's disease. *Neurobiol Aging*. 2015 Feb;36(2):556-70. doi: 10.1016/j.neurobiolaging.2014.09.011. Epub 2014 Sep 21.
- Babiloni C, ..., Rossini PM. Cortical sources of resting state electroencephalographic alpha rhythms deteriorate across time in subjects with amnesic mild cognitive impairment. *Neurobiol Aging*. 2014 Jan;35(1):130-42.
- Babiloni C, ..., Rossini PM. Cortical sources of resting state EEG rhythms are sensitive to the progression of early stage Alzheimer's disease. *J Alzheimers Dis*. 2013 Jan 1;34(4):1015-35.
- Babiloni C, ..., Frisoni GB. Resting state cortical electroencephalographic rhythms are related to gray matter volume in subjects with mild cognitive impairment and Alzheimer's disease. *Hum Brain Mapp*. 2013 Jun;34(6):1427-46.
- Babiloni C., ..., G.B.Frisoni (2011). Resting state cortical electroencephalographic rhythms and white matter vascular lesions in subjects with Alzheimer's disease: an Italian multicenter study. *Journal Of Alzheimer's Disease*, vol. 26(2); p. 331-346.