

Curriculum Vitae et Studiorum

Personal Information

Surname: BRUGNOLO **First name:** ANDREA

Italian Tax Code: BRGNDR67T21D969C

Place of birth: GENOA **Province:** GENOA

Date of birth: 21/12/1967 **Sex:** Male

Aware that anyone making false statements, producing false documents, or using them is liable to criminal penalties under the Italian Penal Code and relevant special laws,

I HEREBY DECLARE THE FOLLOWING:

1. GENERAL INFORMATION

Current Position:

Associate Professor under Law 240/2010, scientific-disciplinary group 11/PSIC-01 – General Psychology, Neuropsychology and Cognitive Neurosciences, Psychometrics; scientific-disciplinary sector PSIC-01/B – Neuropsychology and Cognitive Neurosciences, Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOEMI),
University of Genoa.

Work Address:

Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOEMI),
University of Genoa
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Professional Membership:

Registered Psychologist (no. 919), Order of Psychologists of Liguria – Licensed to practice psychotherapy.

2. ACADEMIC QUALIFICATIONS

- **Master's Degree in Psychology (Clinical Track)**
University of Padua, Academic Year 1994/1995
Final grade: 110/110 cum laude
Thesis title: *Tacit knowledge and depression: a phenomenological-constructivist investigation using repertory grids.*

- **Professional License as Psychologist**
(Registration no. 919, Order of Psychologists of Liguria), obtained in June 1997.
 - **Postgraduate Specialization Diploma in Clinical Psychology**
School of Specialization in Clinical Psychology, Faculty of Medicine and Surgery,
University of Genoa
Obtained in October 2003, final grade: 50/50 cum laude.
 - **Ph.D. in Applied Neuroscience**
University of Genoa, awarded in April 2012
Thesis title: *Neuropsychological assessment and functional neuroimaging in mild cognitive impairment*.
 - **National Scientific Qualification (ASN)**
Qualified as Associate Professor (second-tier),
Competition sector 11/E1, SSD M-PSI/02, valid from 11/04/2018 to 11/04/2024
(pursuant to Article 16, paragraph 1, Law 240/10).
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3. PROFESSIONAL EXPERIENCE

- **Research Fellow**
University of Genoa, Faculty of Medicine and Surgery,
Department of Internal Medicine and Medical Specialties
From 01/04/2003 to 01/01/2010
 - **Research Fellow**
University of Genoa, Faculty of Medicine and Surgery,
Department of Neuroscience, Ophthalmology, and Genetics
From 04/01/2010 to 03/01/2011
 - **Fixed-Term Researcher** (Art. 1, paragraph 14, Law 230/05)
University of Genoa, Department of Neuroscience, Rehabilitation, Ophthalmology,
Genetics, and Maternal-Infant Sciences (DINOEMI)
Scientific-disciplinary sector M-PSI/02
From 01/05/2011 to 30/03/2017 (three-year renewal from 01/05/2014)
 - **Fixed-Term Assistant Professor** (Full-time, Art. 24, paragraph 3-b, Law 240/10)
University of Genoa, DINOEMI, sector M-PSI/02
From 31/03/2017 to 31/03/2020
 - **Associate Professor (Tenured)** (Full-time, Art. 24, paragraph 3-b, Law 240/10)
University of Genoa, DINOEMI, sector M-PSI/02
From 01/04/2020 – present
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4. SCIENTIFIC ACTIVITIES

Prof. Andrea Brugnolo's education and research activity primarily focus on the evaluation of cognitive functioning in various neurodegenerative conditions and on the validation of psychometric tools in healthy individuals.

Specifically, his research activity has addressed the following topics:

- Study of neuropsychological tools and cerebral perfusion and metabolic patterns in individuals with Mild Cognitive Impairment (MCI) and identification of indices predictive of conversion to Alzheimer's disease.
- Analysis of cognitive and brain functioning related to dopaminergic pathways and cerebral perfusion in Parkinson's disease and related conditions, such as Idiopathic REM Behavior Disorder and prodromal forms of Lewy Body Dementia. Cognitive function assessments have also been carried out in patients with Eating Disorders and studies on their perfusion, EEG, and autonomic correlates.
- Validation of psychometric tools in healthy populations for screening purposes (Short Cognitive Evaluation Battery), for specific cognitive functions (Stroop Test), crucial for the early diagnosis of Alzheimer's disease (Free and Cued Selective Reminding Test), and for the identification of protective factors (Wagnild and Young Resilience Scale).

4.1 MEMBERSHIP

1. Representative of the Clinical Neurophysiology Unit at the European Alzheimer Disease Consortium (EADC).
2. Co-coordinator of the Neuropsychology Study Group at the Order of Psychologists of Liguria during the years 2007–2008.
3. Member of the DMT Disease Management Team – CDCD "Centre for Cognitive Disorders and Dementias" at the San Martino University Hospital, comprising several operational units.
4. Clinical psychologist affiliated with the Clinical Psychology Unit, IRCCS San Martino University Hospital, and clinical psychologist responsible for Genetic Counselling in the Enroll-HD Project (Huntington Disease), coordinated at the University of Genoa by Prof. Paola Mandich.

Multicenter Controlled Clinical Trials

1. Rater in the Phase III study 'Alzhemed' (2005–2007), enrolling and following 18 patients treated with an add-on experimental drug for Alzheimer's disease.
2. Rater in the Phase III study 'Concert' (2009–2011), enrolling and following 14 patients treated with an add-on experimental drug for Alzheimer's disease.

3. Neuropsychologist in the European 'ENC-DAT' study under the auspices of EANM, aimed at collecting normative data for a European database of brain SPECT with FP-CIT labeled with I-123.
4. Rater in the Phase III study '12936A' (2009–2011), enrolling 8 patients treated with an add-on experimental drug for Alzheimer's disease.
5. Rater in the Phase III study 'B&C 122-09-117' (2009–2011), enrolling 12 patients treated with an add-on experimental drug for Alzheimer's disease.
6. Backup rater in the Phase III 'Nilvad' study, a European multicenter double-blind study on Nilvadipine in patients with Mild Cognitive Impairment.
7. Rater in the 'TRx-237-005' study, a randomized double-blind study on patients with mild Alzheimer's dementia.
8. Rater in the Phase III study '18-F-AV-45-A18', a randomized multicenter study evaluating the efficacy of Fluorbetapir (18F) in PET imaging and patient management.
9. Rater in the Phase III study 'MK-8931017' evaluating the efficacy and safety of the drug SCH900931 in subjects with mild to moderate Alzheimer's disease.
10. Rater in a Phase II/III pharmacological study sponsored by Janssen: *A Phase 2b/3 Randomized, Double-blind, Placebo-Controlled, Parallel Group, Multicenter Study Investigating the Efficacy and Safety of JNJ-54861911 in Subjects who are Asymptomatic At Risk for Developing Alzheimer's Dementia*, from 01-01-2015 to 30-11-2018.
11. Rater in a Phase III pharmacological study sponsored by Biogen: *A Phase 3 Multicenter, Randomized, Double-Blind, Placebo Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of BIIB037 in Subjects with Early Symptomatic Alzheimer's Disease*, from 01-01-2015 to 01-06-2019.

4.2 REVIEWER FOR THE FOLLOWING JOURNALS

1. Dementia and Geriatric Cognitive Disorders
2. Archives of Gerontology and Geriatrics
3. Neurological Sciences
4. Journal of Alzheimer's Disease
5. Neurobiology of Aging
6. Diagnostics
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4.3 RESEARCH PROJECTS

European Union–funded projects

1. Participant in the European multicenter study 'DescripA' (2003–2007) funded by the Fifth Framework Programme (FP-5), aimed at defining clinical and instrumental criteria for predicting Alzheimer's dementia in patients with mild cognitive impairment.
2. Participant in the European observational multicenter study 'ICTUS' (2003–2006), co-funded by the Fifth Framework Programme (FP-5), on the effect of cholinesterase inhibitors in patients with mild to moderate Alzheimer's disease.
3. Scientific Coordinator of the P.O.R. FESR LIGURIA 2014–2020 – Axis 1 Research and Innovation project entitled: "AI-MEMO Alzheimer Early Monitoring".
4. Participant in the project RAISE "Robotics and AI for Socio-economic Empowerment", PNRR MIUR – M4C2 – Investment 1.5 – Call "Innovation Ecosystems", D.D. no. 3277/2021 from 01/10/2022 and ongoing.
5. Co-PI in the project RF-2021-12374240 – *Probing neuroinflammation in the prodromal stages of alpha-synucleinopathies. A multimodal neuroimaging, neurophysiological, neuropsychological proof-of-concept study in patients with idiopathic REM sleep behavior disorder*, currently ongoing.
6. Coordinator for the University of Genoa in the PRIN Project 2022FJAXY8M *Amyloid-related cortical excitability in patients with MCI due to Alzheimer's disease*, currently ongoing.

University Research Projects (PRA)

1. Awardee and PI of PRA 2012: *Study of the relationships between DMS48, cerebral metabolism and EEG in subjects at high risk of Alzheimer's disease*.
2. Awardee and PI of PRA 2014: *Deficit of episodic memory (Free and Cued Selective Reminding Test) and executive-attentional functions (Stroop Test). New normative data, diagnostic accuracy and anatomo-functional brain correlates (MRI and FDG-PET) in prodromal Alzheimer's disease*.

4.4 SCIENTIFIC COLLABORATIONS

Italian Centers

1. Institute of Human Physiology and Pharmacology, University of Rome "La Sapienza"
2. Institute of Clinical Pathophysiology, University of Florence
3. IRCCS Fatebenefratelli, Neurology Units – Rome and Brescia

4. CNR Institute of Biotechnology and Bioimaging, Rome
5. Department of Physics, University of Genoa
6. CNR Institute of Bioimaging, Naples
7. CNR Institute for Educational Technologies, Genoa
8. DIBRIS – Department of Computer Science, Bioengineering, Robotics and Systems Engineering, University of Genoa

European Centers

1. Institute of Psychiatry, University of Nice (France)
2. Institute of Psychiatry and Neuropsychology, University of Maastricht (Netherlands)
3. Institute of Neurology, University of Amsterdam (Netherlands)
4. Institute of Neurology, University of Montpellier (France)
5. Institute of Nuclear Medicine, Karolinska Institute (Sweden)

His scientific activity has resulted in numerous presentations at official national and international society congresses and in numerous full-length publications in international journals (see Section 6).

4.5 AWARDS

- Best Poster Award in the Neurology Session at the IX National Congress of the Italian Association of Nuclear Medicine (AIMN), Florence, March 20–24, 2009. Work presented: *Mapping memory impairment and conversion to dementia in aMCI patients: a VBM and PET study*. Morbelli S, Piccardo A, Villavecchia G, Brugnolo A, Dessi B, Piccini A, Rodriguez G, Nobili F. Q J Nucl Med Mol Imaging 2009;53(Suppl 1):96.
- Highlights of the 23rd Annual EANM Congress, Vienna, 2010. Oral presentation: Morbelli S, Dredzga A, Perneczky R, Frisoni G, Caroli A, Van Berckel BN, Ossenkoppele R, Guedj E, Didic M, Brugnolo A, Sambuceti G, Rodriguez G, Nobili F. *Resting-state brain metabolic connectivity in amnesic MCI-AD converters and healthy controls. A joint project of the European Alzheimer's disease consortium (EADC)*. Eur J Nucl Med Mol Imaging 2010;37 Suppl 2:OP353. Cited in Eur J Nucl Med Mol Imaging. 2011 Feb;38(2):378-99.
- Best Poster Award in the Parkinsonism Session at the X National AIMN Congress, Rimini, March 18–21, 2011. Work presented: *Evidence of posterior cortical dysfunction in de novo, drug-naïve Parkinson's disease (PD)*. Arnaldi D, Ferrara M,

Campus C, Dessi B, Brugnolo A, Girtler N, Morbelli S, Sambuceti G, Rodriguez G, Nobili F. Q J Nucl Med Mol Imaging 2011;55(Suppl 1):46.

- Best Poster Award in the Neurology Session at the X National AIMN Congress, Rimini, March 18–21, 2011. Work presented: *Resting state metabolic connectivity in AD-converters MCI patients versus healthy controls: a European Alzheimer's Disease Consortium (EADC) project*. Morbelli S, Drzezga A, Perneczky R, Frisoni G, Caroli A, Van Berckel BN, Ossenkoppele R, Guedj E, Didic M, Brugnolo A, Pagani M, Sambuceti G, Rodriguez G, Nobili F. Q J Nucl Med Mol Imaging 2011;55(Suppl 1):21.
- Best Poster Award in the "Sleep" Session, October 11, 2015, at the XVII National Congress of the Italian Society of Neurology (SIN), Genoa, October 10–13, 2015. Work presented: *REMEDIO: a proof of concept study of neuroprotection in REM sleep behavior disorder. Preliminary data*. Arnaldi D, Famà F, De Carli D, Picco A, Accardo J, Ferrara M, Girtler N, Brugnolo A, Nobili F. Neurol Sci 2015;36(Suppl):S127.
- Best Poster Award in the "Neuroimaging 2" Session at the 13th National Congress of the Italian Association of Nuclear Medicine and Molecular Imaging (AIMN), Rimini, March 2–5, 2017. Work presented: *18F-fluorodeoxyglucose (FDG) PET diagnostic and prognostic patterns do not overlap in prodromal AD patients*. Bauckneht M, Picco A, Arnaldi D, Pardini M, Brugnolo A, Buschiazzi A, Pagani M, Girtler N, Nieri A, Chincarini A, De Carli F, Sambuceti G, Nobili F, Morbelli S. Clin Transl Imaging 2017;5(Suppl 1):S27–S28. DOI 10.1007/s40336-017-0227-x.

5. TEACHING ACTIVITY

Bachelor's Degree in Neurophysiopathology Techniques (University of Genoa)

- Lecturer in the course "Psychometrics", Academic Years: 2006–07 to 2008–09 (1 CFU).

Bachelor's Degree in Psychological Sciences and Techniques (University of Genoa)

- Lecturer in the course "Anatomical and Physiological Foundations of Mental Activity" (Code 67249), Academic Years: from 2011–12 to present (6 CFU).
- Co-lecturer with Prof. Girtler in the course "Physiological Psychology" (Code 55997), Academic Years: from 2022–23 to present (8 CFU).

Degree in Medicine and Surgery (University of Genoa)

- Lecturer in the course "Clinical Psychology" within the integrated course of Semiology and Clinical Methodology (Code 67370), Academic Years: from 2016–17 to present (1 CFU).

Bachelor's Degree in Midwifery (University of Genoa)

- Lecturer in "Clinical Psychology" within the integrated course "Pregnancy" (Code 67995), Academic Years: from 2016–17 to present (1 CFU).
- Lecturer in "Psychosomatics" within the integrated course "Health Sciences" (Code 68032), Academic Years: from 2016–17 to 2020–21 (1 CFU).

Bachelor's Degree in Psychiatric Rehabilitation Techniques (University of Genoa)

- Lecturer in "Clinical Psychology" within the integrated course "Psychiatry I, Psychology and Introductory Rehabilitation" (Code 662), Academic Years: from 2020–21 to present (1 CFU).

Doctoral Programs (University of Genoa)

- Lecturer in the PhD course in Neuroscience – Curriculum: Clinical and Experimental Neurosciences, Teaching Course: Neurodegenerative Brain Diseases, Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal-Infant Sciences (DINOEMI), Academic Year 2015–16.
- Since 2017, member of the teaching board of the PhD program in Neuroscience, Curriculum: Motor and Sport Sciences, University of Genoa.

OTHER TEACHING ACTIVITIES

- Member of the Teaching Committee from 2012–13 to 2014–15 for the Bachelor's and Master's Degree Programs in Psychology.
- Currently member of the Teaching Committee of the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal-Infant Sciences (DINOEMI), University of Genoa.
- Supervisor of 52 theses for the Bachelor's Degree in Psychological Sciences and Techniques and for the Master's Degree in Psychology.
- Active participation in examination committees related to his teaching assignments.

6. LIST OF PUBLICATIONS

Full-text ISI-indexed publications listed in PubMed
 IF: InCites Journal Citation Reports, Clarivate Analytics
 H-Index = 29, Citations = 2423

1. Nobili F, **Brugnolo** A, Calvini P, Copello F, De Leo C, Girtler N, Morbelli S, Piccardo A, Vitali P, Rodriguez G. Resting SPECT-neuropsychology correlation in very mild Alzheimer's disease. Clin Neurophysiol. 2005 Feb;116(2):364-75. **IF 3.675**

2. Rodriguez G, Morbelli S, **Brugnolo** A, Calvini P, Girtler N, Piccardo A, Dougall NJ, Ebmeier KP, Baron JC, Nobili F. Global cognitive impairment should be taken into account in SPECT-neuropsychology correlations: the example of verbal memory in very mild Alzheimer's disease. *Eur J Nucl Med Mol Imaging*. 2005 Oct;32(10):1186-92. **IF 7.182**
3. Ferro AM, **Brugnolo** A, De Leo C, Dessi B, Girtler N, Morbelli S, Nobili F, Rossi DS, Falchero M, Murialdo G, Rossini PM, Babiloni C, Schizzi R, Padolecchia R, Rodriguez G. Stroop interference task and single-photon emission tomography in anorexia: a preliminary report. *Int J Eat Disord*. 2005 Dec;38(4):323-9. **IF 3.523**
4. Vitali P, Minati L, Chiarenza G, **Brugnolo** A, Girtler N, Nobili F, De Leo C, Rosati P, Rodriguez G. The Von Restorff effect in ageing and Alzheimer's disease. *Neurol Sci*. 2006 Jul;27(3):166-72. **IF 2.484**
5. Nobili F, Koulibaly PM, Rodriguez G, Benoit M, Girtler N, Robert PH, **Brugnolo** A, Darcourt J. 99mTc-HMPAO and 99mTc-ECD brain uptake correlates of verbal memory in Alzheimer's disease. *Q J Nucl Med Mol Imaging*. 2007 Dec;51(4):357-63. **IF 1.931**
6. Rodriguez G, Babiloni C, **Brugnolo** A, Del Percio C, Cerro F, Gabrielli F, Girtler N, Nobili F, Murialdo G, Rossini PM, Rossi DS, Baruzzi C, Ferro AM. Cortical sources of awake scalp EEG in eating disorders. *Clin Neurophysiol*. 2007 Jun;118(6):1213-22. **IF 3.675**
7. Murialdo G, Casu M, Falchero M, **Brugnolo** A, Patrone V, Cerro PF, Ameri P, Andraghetti G, Briatore L, Copello F, Cordera R, Rodriguez G, Ferro AM. Alterations in the autonomic control of heart rate variability in patients with anorexia or bulimia nervosa: correlations between sympathovagal activity, clinical features, and leptin levels. *J Endocrinol Invest*. 2007 May;30(5):356-62. **IF 3.439**
8. Aalten P, Verhey FR, Boziki M, **Brugnolo** A, Bullock R, Byrne EJ, Camus V, Caputo M, Collins D, De Deyn PP, Elina K, Frisoni G, Holmes C, Hurt C, Marriott A, Mecocci P, Nobili F, Ousset PJ, Reynish E, Salmon E, Tsolaki M, Vellas B, Robert PH. Consistency of neuropsychiatric syndromes across dementias: results from the European Alzheimer Disease Consortium. Part II. *Dement Geriatr Cogn Disord*. 2008;25(1):1-8. **IF 2.260**
9. Morbelli S, Rodriguez G, Mignone A, Altrinetti V, **Brugnolo** A, Piccardo A, Pupi A, Koulibaly PM, Nobili F. The need of appropriate brain SPECT templates for SPM comparisons. *Q J Nucl Med Mol Imaging*. 2008 Mar;52(1):89-98. **IF 1.931**
10. Nobili F, Salmaso D, Morbelli S, Girtler N, Piccardo A, **Brugnolo** A, Dessi B, Larsson SA, Rodriguez G, Pagani M. Principal component analysis of FDG PET in amnesic MCI. *Eur J Nucl Med Mol Imaging*. 2008 Dec;35(12):2191-202. **IF 7.182**

11. **Brugnolo** A, Nobili F, Barbieri MP, Dessi B, Ferro A, Girtler N, Palummeri E, Partinico D, Raiteri U, Regesta G, Servetto G, Tanganelli P, Uva V, Mazzei D, Donadio S, De Carli F, Colazzo G, Serrati C, Rodriguez G. The factorial structure of the mini mental state examination (MMSE) in Alzheimer's disease. *Arch Gerontol Geriatr*. 2009 Jul-Aug;49(1):180-5. **IF 2.611**
12. Nobili F, Abbruzzese G, Morbelli S, Marchese R, Girtler N, Dessi B, **Brugnolo** A, Canepa C, Drosos GC, Sambuceti G, Rodriguez G. Amnestic mild cognitive impairment in Parkinson's disease: a brain perfusion SPECT study. *Mov Disord*. 2009 Feb 15;24(3):414-21. **IF 8.061**
13. Nobili F, De Carli F, Frisoni GB, Portet F, Verhey F, Rodriguez G, Caroli A, Touchon J, Morbelli S, Guerra UP, Dessi B, **Brugnolo** A, Visser PJ. SPECT predictors of cognitive decline and Alzheimer's disease in mild cognitive impairment. *J Alzheimers Dis*. 2009;17(4):761-72. **IF 3.517**
14. Mazzei D, **Brugnolo** A, Dessi B, Girtler N, Famà F, Rizza E, Nobili F, Rodriguez G. Impaired access to semantic memory for the cognition of geographic space in Alzheimer's disease. *Arch Gerontol Geriatr*. 2010 Mar-Apr;50(2):198-201. doi: 10.1016/j.archger.2009.03.015. **IF 2.611**
15. Morbelli S, Piccardo A, Villavecchia G, Dessi B, **Brugnolo** A, Piccini A, Caroli A, Frisoni G, Rodriguez G, Nobili F. Mapping brain morphological and functional conversion patterns in amnestic MCI: a voxel-based MRI and FDG-PET study. *Eur J Nucl Med Mol Imaging*. 2010 Jan;37(1):36-45. **IF 7.182**
16. Pagani M, Dessi B, Morbelli S, **Brugnolo** A, Salmaso D, Piccini A, Mazzei D, Villavecchia G, Larsson SA, Rodriguez G, Nobili F. MCI patients declining and not-declining at mid-term follow-up: FDG-PET findings. *Curr Alzheimer Res*. 2010 Jun 1;7(4):287-94. **IF 3.211**
17. Nobili F, Campus C, Arnaldi D, De Carli F, Cabassi G, **Brugnolo** A, Dessi B, Morbelli S, Sambuceti G, Abbruzzese G, Rodriguez G. Cognitive-nigrostriatal relationships in de novo, drug-naïve Parkinson's disease patients: a [I-123]FP-CIT SPECT study. *Mov Disord*. 2010 Jan 15;25(1):35-43. **IF 8.061**
18. **Brugnolo** A, Morbelli S, Dessi B, Girtler N, Mazzei D, Famà F, Barbieri P, Cabassi G, Koulibaly PM, Sambuceti G, Rodriguez G, Nobili F. The reversed clock drawing test phenomenon in Alzheimer's disease: A perfusion SPECT study. *Dement Geriatr Cogn Disord*. 2010;29(1):1-10. **IF 2.260**
19. De Medeiros K, Robert P, Gauthier S, Stella F, Politis A, Leoutsakos J, Taragano F, Kremer J, **Brugnolo** A, Porsteinsson AP, Geda YE, Brodaty H, Gazdag G, Cummings J, Lyketsos C. The Neuropsychiatric Inventory-Clinician rating scale (NPI-C): reliability and validity of a revised assessment of neuropsychiatric symptoms in dementia. *Int Psychogeriatr*. 2010 Sep;22(6):984-94. **IF 2.478**

20. Girtler N, Casari EF, **Brugnolo A**, Cutolo M, Dessi B, Guasco S, Olmi C, De Carli F. Italian validation of the Wagnild and Young Resilience Scale: a perspective to rheumatic diseases. *Clin Exp Rheumatol*. 2010, 28: 669-67. **IF 2.328**
21. Nobili F, Mazzei D, Dessi B, Morbelli S, **Brugnolo A**, Barbieri P, Girtler N, Sambuceti G, Rodriguez G, Pagani M. Unawareness of Memory Deficit in Amnesic MCI: FDG-PET findings. *J Alzh Disease* 2010 (22): 993-1003. **IF 3.517**
22. Nobili F, Arnaldi D, Campus C, Ferrara M, De Carli F, Brugnolo A, Dessi B, Girtler N, Morbelli S, Abruzzese G, Sambuceti G, Rodriguez G. Brain perfusion correlates of cognitive and nigrostriatal functions in de novo Parkinson's disease. *Eur J Nucl Med Mol Imaging*. 2011 Dec;38(12):2209-18. doi: 10.1007/s00259-011-1874-1. **IF 7.182**
23. Nobili F, Morbelli S, Arnaldi D, Ferrara M, Campus C, **Brugnolo A**, Mazzei D Mehrdad N, Sambuceti G, Rodriguez G. Radionuclide brain imaging correlates of cognitive impairment in Parkinson's disease (PD). *Neurol Sci*. 2011 Nov 15;310(1-2):31-5. doi: 10.1016/j.jns.2011.06.053. **IF 2.484**
24. Arnaldi D, Campus C, Ferrara M, Famà F, Picco A, De Carli F, Accardo J, **Brugnolo A**, Sambuceti G, Morbelli S, Nobili F. What predicts cognitive decline in de novo Parkinson's disease? *Neurobiol Aging*. 2012 Jun;33(6):1127.e11-20. **IF 4.398**
25. Morbelli S, Drzezga A, Perneczky R, Frisoni GB, Caroli A, van Berckel BN, Ossenkoppele R, Guedj E, Didic M, **Brugnolo A**, Sambuceti G, Pagani M, Salmon E, Nobili F. Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. *Neurobiol Aging*. 2012 Nov;33(11):2533-50. **IF 4.398**
26. Girtler N, **Brugnolo A**, Campus C, De Carli F, Famà F, Ghio L, Robert P, Barbieri MP, Delmonte M, Venuti S, Gabrielli F, Rodriguez G, Nobili F. The short cognitive evaluation battery in cognitive disorders of the elderly—Italian version. *Dement Geriatr Cogn Disord*. 2012;33(4):255-6. **IF 2.260**
27. Morbelli S, Perneczky R, Drzezga A, Frisoni GB, Caroli A, van Berckel BN, Ossenkoppele R, Guedj E, Didic M, **Brugnolo A**, Naseri M, Sambuceti G, Pagani M, Nobili F. Metabolic networks underlying cognitive reserve in prodromal Alzheimer disease: a European Alzheimer disease consortium project. *J Nucl Med*. 2013 Jun;54(6):894-902. doi: 10.2967/jnumed.112.113928. **IF 7.354**
28. **Brugnolo A**, Morbelli S, Arnaldi D, De Carli F, Accardo J, Bossert I, Dessi B, Famà F, Ferrara M, Girtler N, Picco A, Rodriguez G, Sambuceti G, Nobili F. Metabolic Correlates of Rey Auditory Verbal Learning Test in Elderly Subjects with Memory Complaints. *J Alzheimers Dis*. 2014;39(1):103-13. doi:10.3233/JAD-121684. **IF 3.517**

29. Picco A, Polidori MC, Ferrara M, Cecchetti R, Arnaldi D, Baglioni M, Morbelli S, Bastiani P, Bossert I, Fiorucci G, **Brugnolo** A, Dottorini ME, Nobili F, Mecocci P. Plasma antioxidants and brain glucose metabolism in elderly subjects with cognitive complaints. *Eur J Nucl Med Mol Imaging*. 2014 Apr;41(4):764-75. doi:10.1007/s00259-013-2638-x. **IF 7.182**
30. Pagani M, De Carli F, Morbelli S, Öberg J, Chincarini A, Frisoni GB, Galluzzi S, Perneczky R, Drzezga A, van Berckel BN, Ossenkoppele R, Didic M, Guedj E, **Brugnolo** A, Picco A, Arnaldi D, Ferrara M, Buschiazio A, Sambuceti G, Nobili F. Volume of interest-based [18F]fluorodeoxyglucose PET discriminates MCI converting to Alzheimer's disease from healthy controls. A European Alzheimer's Disease Consortium (EADC) study. *Neuroimage Clin*. 2014 Nov 18;7:34-42. doi: 10.1016/j.nicl.2014.11.007. **IF 3.943**
31. Morbelli S, **Brugnolo** A, Bossert I, Buschiazio A, Frisoni GB, Galluzzi S, van Berckel BN, Ossenkoppele R, Perneczky R, Drzezga A, Didic M, Guedj E, Sambuceti G, Bottoni G, Arnaldi D, Picco A, De Carli F, Pagani M, Nobili F. Visual versus semi-quantitative analysis of 18F-FDG-PET in amnesic MCI: an European Alzheimer's Disease Consortium (EADC) project. *J Alzheimers Dis*. 2015 Jan 1;44(3):815-26. doi: 10.3233/JAD-142229. **IF 3.517**
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The undersigned also declares to be informed that the personal data collected are processed by the University of Genoa in accordance with EU Regulation 2016/679 (GDPR – General Data Protection Regulation) and Legislative Decree No. 196 of 30.6.2003 (Personal Data Protection Code).

Place and Date
Genoa, 3 June 2025

The declarant
Andrea Brugnolo

