

SESSIONE POSTER 3

SABATO 19 marzo ore 12.30 – 13.30

**Genetica, patogenesi, diagnosi e trattamento**

*Discussant:* Elio Scarpini, *Milano* – Anna Chiara Cagnin, *Padova*

74. **“Probable” cerebral amyloid angiopathy under 55 y.o.: case report**  
Roberto Acampora, D. Picone, P. Mazzola, M. Patassini, M. Grimoldi, I. Appollonio, C. Ferrarese *Monza*
75. **A novel GRN G.1642\_1645DELTGAG mutation is associated with frontotemporal lobar degeneration with TDP-43 inclusions (FTLD-TDP)**  
Marina Arcaro, A. Espay, C. Fenoglio, M. Serpente, S. Cioffi, E. Oldoni, R. Ardizzoia, M. Hagen, F. Rodriguez-Porcel, E. Scarpini, D. Galimberti *Milano, Cincinnati (USA)*
76. **Repetitive TMS of the default mode network: a randomized, double-blinded, cross-over study trial in MCI patients**  
Sonia Bonni, S. Picazio, F. Di Lorenzo, V. Ponzio, M. Pellicciari, E. Casula, L. Serra, M. Mancini, C. Caltagirone, A. Martorana, M. Bozzali, G. Koch *Roma*
77. **RBD in patients with essential tremor: a predictive factor for Lewy body disease?**  
Iole Borrelli, A. D'Amico, H. Zhuzhuni, R. Di Giacomo, M. D'Amico, A. Thomas, M. Onofri, L. Bonanni *Chieti*
78. **Costs associated with Alzheimer's disease in Italy: baseline results from the GERAS II observational study**  
Gianluca Bruti, G. Bruno, M. Mancini, C. Reed *Firenze, Roma, Windlesham (UK)*
79. **Specific measures of verbal memory performances may distinguish Alzheimer's disease from dementia with Lewy bodies**  
Cinzia Busse', L. Zazzara, P. Anselmi, G. Di Bernardo, S. Pompanin, G. Zorzi, C. Semenza, P. Caffarra *Padova, Reggio Emilia, Parma*
80. **Evidence for axonal damage in dorsal and ventral dopamine pathways in early Parkinson's disease**  
Silvia Caminiti, D. Baroncini, L. Presotto, V. Garibotto, R. Moresco, L. Gianolli, A. Antonini, D. Perani *Milano, Geneva (CH), Segrate (MI), Monza, Venezia*
81. **Semantic and nonfluent aphasic variants are predominant frontotemporal lobar degeneration phenotypes in TBK1 carriers**  
Paola Caroppo, A. Camuzat, A. De Septenville, P. Couratier, L. Lacomblez, S. Auriacombe, O. Flabeau, L. Jornea, F. Blanc, F. Sellal, B. Cretin, V. Meininger, M. Fleury, P. Couarch, B. Dubois, A. Brice, I. Le Ber *Milano, Parigi (F), Limoges (F), Bordeaux (F), Strasbourg (F), Colmar (F)*
82. **“Alimentalmente (feed-your-mind)” project**  
Manuela Costa, M. Santangelo, L. Vaghi, C. Stucchi, S. Amidei, M. Devetak, V. Menon, A. Ragazzoni *Carpi (MO)*
83. **Bioimpedance vector analysis in mild cognitive impairment and Alzheimer's dementia: a cross sectional study**  
Ilaria Cova, S. Pomati, L. Maggiore, M. Forcella, V. Cucumo, R. Ghiretti, G. Grande, F. Muzio, C. Mariani *Milano*
84. **Controversial role of NOTCH3 gene cysteine sparing mutations associated with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) phenotype: are they causative of the disease?**  
Chiara Cupidi, L. Bernardi, A. Clodomiro, F. Frangipane, A. Castagna, G. Puccio, R. Colao,

- M. Anfossi, M. Conidi, M. Gallo, G. Berti, M. Dotti, A. Federico, R. Maletta, A. Bruni  
*Lamezia Terme (CZ), Siena*
85. **Cognitive trajectory of psychosis subtypes in Alzheimer's disease: preliminary results from non linear mixed effect (NLME) models in Alzheimer's disease neuroimaging initiative (ADNI2)**  
Fabrizia D'Antonio, J. Bertrand, Y. Sheng, D. Ffytche, C. de Lena, R. Howard, S. Reeves  
*Roma, Parigi (F), London (UK)*
86. **Phenomenology of GBA gene mutation: Chieti experience**  
Roberta Di Giacomo, A. D'Amico, R. Telese, F. Barbone, V. Di Stefano, M. Vitale, C. Ferrante, L. Mancinelli, A. Thomas, M. Onofri, L. Bonanni  
*Chieti*
87. **Estimating the association of 5HTTLPR polymorphism with delusions in Alzheimer's disease**  
Grazia D'Onofrio, D. Seripa, D. Sancarlo, F. Panza, G. Logroscino, A. Greco  
*San Giovanni Rotondo (FG), Bari*
88. **Cognitive and behavioral effects of tDCS in frontotemporal dementia**  
Roberta Ferrucci, F. Mamei, F. Ruggiero, M. Vergari, A. Arighi, M. Spallazzi, F. Barocco, F. Cortese, T. Bocci, S. Gardini, P. Caffarra, E. Scarpini, A. Priori  
*Milano, Parma*
89. **Spirochetes infection and frontotemporal dementia: a potential link to pathogenesis?**  
Chiara Fiori, F. Girelli, V. Cameriere, S. Baldinelli, V. Ranaldi, M. Silvestrini, L. Provinciali, S. Luzzi  
*Ancona*
90. **Unusual phenotypic patterns in familial frontotemporal dementia**  
Chiara Fiori, F. Girelli, V. Cameriere, S. Baldinelli, V. Ranaldi, F. Logullo, M. Silvestrini, L. Provinciali, S. Luzzi  
*Ancona*
91. **Genetic Creutzfeldt-Jakob disease presenting with insomnia**  
Giorgio Fumagalli, P. Basilico, M. Scarioni, A. Arighi, A. Pietroboni, D. Galimberti, N. Bresolin, E. Scarpini  
*Milano*
92. **The JPND-MEETINGDEM project: a combined support programme for people with dementia (PWD) and their caregivers: first results in Italy**  
Giulia Gamberini, A. d'Arma, F. Saibene, F. Baglio, R. Chattat, F. Meiland, S. Evans, D. Brooker, J. Rymaszewska, D. Szcześniack, R. Nemni, R. Dröes, E. Farina  
*Milano, Torino, Bologna, Amsterdam (NL), Worcester (UK), Wroclaw (PL)*
93. **The relationship between homocysteine and cognitive profile in Alzheimer disease**  
Francesca Girelli, G. Viticchi, C. Fiori, A. Toraldo, S. Baldinelli, V. Cameriere, V. Ranaldi, L. Provinciali, M. Silvestrini, S. Luzzi  
*Ancona, Pavia*
94. **Are raw scores on memory tests better than age- and education-adjusted scores for predicting progression from amnesic mild cognitive impairment to AD ?**  
Giordano Lacidogna, D. Quaranta, G. Gainotti, G. Vita, C. Piccininni, E. Scaricamazza, C. Marra  
*Roma*
95. **Angela R before Auguste D: a case of familial Alzheimer's disease before Alzheimer's description**  
Valentina Laganà, L. Borrello, C. Cupidi, M. Anfossi, M. Conidi, N. Smirne, A. Bruni  
*Lamezia Terme (CZ)*
96. **Cognitive decline and late-life depression in the elderly: Alzheimer's disease or pseudodementia?**  
Claudio Liguori, M. Pierantozzi, A. Chiaravalloti, G. Sancesario, N. Mercuri, G. Sancesario  
*Roma*
97. **A case of genetically confirmed diagnosis of Alzheimer disease with neuropsychological, CSF and metabolic pattern of frontotemporal dementia**  
Gemma Lombardi, C. Ferrari, G. Lucidi, C. Polito, V. Berti, A. Tedde, S. Bagnoli, B. Nacmias, S. Sorbi  
*Firenze*
98. **A possible role of AD CSF biomarkers in the diagnostic work up of normal pressure**

## hydrocephalus

Giuseppe Magnani, R. Santangelo, G. Cecchetti, S. Mazzeo, P. Pinto, G. Passerini, R. Cardamone, A. Franzin, G. Comi *Bergamo, Milano*

99. **Beta-amyloid 1-42 monomers, but not oligomers, produce PHF-LIKE conformation of Tau protein**  
Giuseppe Manassero, M. Guglielmotto, R. Borghi, G. Perry, P. Odetti, O. Arancio, E. Tamagno, M. Tabaton *Genova, Torino, San Antonio (USA), New York (USA)*
100. **Primary progressive aphasia with C9ORF72 expansion and AD-LIKE CSF: a case report**  
Matteo Mercurio, A. Arighi, G. Fumagalli, C. Fenoglio, M. Serpente, S. Cioffi, E. Rotondo, P. Corti, R. Vimercati, D. Galimberti, E. Scarpini *Milano*
101. **The development of a home-based and computerized cognitive stimulation therapy for person living with dementia**  
Giovanni Michelini, P. Tirelli, S. Gardini, P. Caffarra *Parma*
102. **APOE polymorphism and cortical plasticity are independently associated with cognitive decline in Alzheimer's disease**  
Caterina Motta, F. Di Lorenzo, V. Ponzio, S. Bonni, A. Martorana, G. Koch *Roma*
103. **PRNP P39L variant is a rare cause of frontotemporal dementia in Italian population**  
Emanuela Oldoni, G. Fumagalli, M. Serpente, C. Fenoglio, M. Scarioni, A. Arighi, G. Bruno, G. Talarico, A. Confaloni, P. Piscopo, B. Nacmias, S. Sorbi, I. Rainero, E. Rubino, L. Pinessi, G. Binetti, R. Ghidoni, L. Benussi, G. Grande, B. Arosio, D. Bursey, J. Kauwe, S. Cioffi, M. Arcaro, D. Mari, C. Mariani, E. Scarpini, D. Galimberti *Milano, Roma, Firenze, Torino, Brescia, Provo (USA)*
104. **Patients with mixed location (deep and lobar) cerebral macrobleeds and microbleeds: baseline characteristics and follow up data**  
Marco Pasi, A. Charidimou, G. Boulouis, E. Auriel, K. Haley, A. Ayres, K. Schwab, J. Rosand, A. Viswanathan, L. Pantoni, S. Greenberg, E. Gurol *Firenze, Boston (USA), Tel Aviv (IL)*
105. **Topographic distribution of lacunes in cerebral amyloid angiopathy and hypertensive deep intracerebral hemorrhage**  
Marco Pasi, G. Boulouis, A. Charidimou, E. Auriel, K. Haley, A. Ayres, K. Schwab, J. Rosand, A. Viswanathan, L. Pantoni, S. Greenberg, E. Gurol *Firenze, Boston (USA), Tel Aviv (IL)*
106. **Neurotransmission in Alzheimer's disease: a comprehensive paired pulse TMS investigation**  
Viviana Ponzio, F. Di Lorenzo, S. Bonni, A. Martorana, C. Caltagirone, G. Koch *Roma*
107. **Very slow course of Alzheimer dementia in a family with APP A713T mutation: clinical history of index case**  
Gianfranco Puccio, E. Conidi, L. Bernardi, M. Anfossi, F. Franfipane, M. Gallo, S. Curcio, M. Mirabelli, F. Vasso, C. Cupidi, N. Smirne, R. Di Lorenzo, R. Maletta, R. Colao, A. Bruni *Lamezia Terme (CZ)*
108. **Experienced usability and adherence to treatment in a technology-enhanced continuum of care program with respect to usual care in MCI and outpatients with Alzheimer: the Ability program**  
Olivia Realdon, F. Rossetto, M. Nalin, I. Baroni, M. Romano, F. Catania, S. Mancastropa, D. Frontini, S. Bandini, R. Nemni, F. Mantovani, F. Baglio, The Ability Consortium *Milano*
109. **Intermediate CAG repeat expansion in the ATXN2 gene influences the clinical characteristics of frontotemporal lobar degeneration**  
Elisa Rubino, C. Mancini, P. Ferrero, S. Bianca, M. Ferrone, L. Orsi, S. Boschi, M. Zucca, L. Pinessi, A. Brusco, I. Rainero *Torino*

- 110. Combining cerebrospinal fluid biomarkers and neuropsychological assessment to detect patients with mild cognitive impairment who will progress to Alzheimer's dementia**  
Roberto Santangelo, S. Mazzeo, G. Cecchetti, P. Pinto, M. Bernasconi, M. Falautano, G. Passerini, G. Comi, G. Magnani *Milano, Bergamo*
- 111. A cluster of progranulin C157KFSX97 mutations in southern Italy: clinical characterisation and genetical correlations**  
Dario Saracino, C. Coppola, G. Puoti, G. Lus, C. Dato, I. Le Ber, P. Caroppo, E. Piccoli, F. Tagliavini, G. Di Iorio, G. Rossi *Napoli, Parigi (F), Milano*
- 112. Power of neuropsychological and SPET biomarkers in predicting the conversion of amnesic MCI(AMCI) to AD**  
Eugenia Scaricamazza, G. Gainotti, G. Lacidogna, D. Quaranta, D. Di Giuda, C. Marra *Roma*
- 113. The pitfall of GWA in Alzheimer disease: an Italian case-control study**  
Davide Seripa, F. Panza, A. Daniele, R. Tortelli, G. Paroni, G. D'Onofrio, A. Bizzarro, C. Gravina, M. Urbano, V. Boccardi, P. Mecocci, C. Masullo, G. Logroscino, A. Greco, D. Seripa *San Giovanni Rotondo (FG), Tricase (LE), Bari, Perugia*
- 114. Autosomal dominant and sporadic frontotemporal lobar degeneration: from non-coding RNAs to the identification of preclinical biomarkers and therapeutic targets**  
Maria Serpente, C. Fenoglio, S. Cioffi, M. Arcaro, E. Oldoni, A. Arighi, G. Fumagalli, E. Rotondo, M. Mercurio, E. Scarpini, D. Galimberti *Milano*
- 115. Response to treatment with cholinesterase inhibitors and cognitive reserve in Alzheimer's disease: is there a relationship?**  
Leda Volpi, C. Pagni, C. Radicchi, A. Vergallo, S. Cintoli, U. Bonuccelli, G. Tognoni *Pisa*
- 116. Group intensive rehabilitation in patients with major and mild neurocognitive disorder**  
Simonetta Panerai, D. Tasca, S. Musso, V. Catania, F. Ruggeri, A. Raggi, S. Muratore, G. Prestianni, C. Bonforte, R. Ferri *Troina (EN), Forlì*
- 117. BPSD severity in Alzheimer's disease is independent from vascular impairment and white matter lesions burden**  
Raffaele Bove, A. Giuliani, V. Pavino, V. Guglielmi, C. Rossi, M.C. Massimetti, C. Iani, L. Vaianella, C. Masullo, A. Bizzarro *Roma*