

Curriculum Vitae

Personal information **Astrid Thomas**

Work experience

1. Employer: Università "G.D'Annunzio" Chieti_Pescara
 - Start date: 2002
 - End date:
 - Position: Ass Professor in Neurology
 - Activities: Movement Disorder specialist out site Hospital clinic Dementia disorders specialist
 - Country: Italy
2. Employer: University Chieti
 - Start date: 2000
 - End date: 2002
 - Position: Assistant in Neurophysiopathology
 - Activities: Neurophysiopathology in dementia and movement disorders Institute of advanced biomedical Technique (ITAB) dell'Università di Chieti for the development of stimuli for the research of the cognitive function (memory, vision,) with F_MRI
 - Country: Italy

Education and training

1. Subject: University La Sapienza Rome
 - Start date: 1997
 - End date: 2001
 - Qualification: PhD (dottorato di ricerca) in "Neurofisiologia: Basi Neuronal di funzioni cognitivi superiori" l'Università La Sapienza, Roma
 - Organisation: Neurofisiologia: Basi Neuronal di funzioni cognitivi superiori
 - Country: Italy
2. Subject: University Chieti
 - Start date: 1993
 - End date: 1997
 - Qualification: _ Specialist in Neurology "cum laude"
 - Organisation: Dorsal Simultanagnosia
 - Country: Italy
3. Subject: University Chieti
 - Start date: 1991
 - End date: 1993
 - Qualification: _ Internship at the Laboratory of Neurophysiopathology, State University "G.D'Annunzio" Chieti, (Italy). Supervisor: Prof. M. Onofri, MD
 - Organisation: experimental neurophysiopathology (EEG, Evoked Potentials, Brain mapping, cognitive neuroscience)
 - Country: Italy
4. Subject: University Chieti
 - Start date: 1993
 - End date: 1997
 - Qualification: Residency in Neurology, State University "G.D'Annunzio" Chieti, (Italy)
 - Organisation:
 - Country: Italy
5. Subject: University Chieti
 - Start date: 1992
 - End date: 1992
 - Qualification: Collaboration with the Department of Neurology, State University of Padova (Italy); Chairman: Prof. B. Tavalato, laboratory of neuroimmunology; Supervisor: C. Gallo, MD (Isoelettrofocusing CSF)
 - Organisation:
 - Country: Italy
6. Subject: Deutsche Aerktekammer Rheinland Phalz
 - Start date: 1992
 - End date: ongoing
 - Qualification: Medical board, Germany , Bundesarzteordnung
 - Organisation:
 - Country: Germany
7. Subject: University Chieti
 - Start date: 1991
 - End date: 1993
 - Qualification: _ Post_doctoral internship in the Hospital Clinic for MS patients, Chairman: Prof. D. Gambi, MD
 - Organisation:
 - Country: Italy
8. Subject: University Chieti
 - Start date: 1982
 - End date: 1991
 - Qualification: Medical registration number March 26 ,1992, 3457.
 - Organisation:
 - Country: Italy

9. Subject: University Chieti
 - Start date: 1991
 - End date:1991
 - Qualification: Medical board, State University "G.D'Annunzio" Chieti, (Italy)
 - Organisation: : Multiple Sclerosis: lymphocytic activation
 - Country: Italy
10. Subject: University Chieti
 - Start date: 1991
 - End date:1991
 - Qualification: Medical Doctor degree State University "G.D'Annunzio" Chieti (Italy)
 - Organisation:
 - Country: Italy
11. Subject: University Chieti
 - Start date: 1990
 - End date:1991
 - Qualification: _ Pre_doctoral internship in the Department of Neurology; Chairman: Prof. D. Gambi, MD, State University "G.D'Annunzio" Chieti, (Italy)
 - Organisation:
 - Country: Italy

Additional information

Publications

1: O'Brien J, Taylor JP, Ballard C, Barker RA, Bradley C, Burns A, Collerton D, Dave S, Dudley R, Francis P, Gibbons A, Harris K, Lawrence V, Leroi I, McKeith I, Michaelides M, Naik C, O'Callaghan C, Olsen K, Onofrj M, Pinto R, Russell G, Swann P, Thomas A, Urwyler P, Weil RS, Ffytche D. Visual hallucinations in neurological and ophthalmological disease: pathophysiology and management. *J Neurol Neurosurg Psychiatry*. 2020 May;91(5):512-519. doi: 10.1136/jnnp-2019-322702. Epub 2020 Mar 25. PMID: 32213570; PMCID: PMC7231441. 2: Petrucci S, Ginevrino M, Trezzi I, Monfrini E, Ricciardi L, Albanese A, Avenali M, Barone P, Bentivoglio AR, Bonifati V, Bove F, Bonanni L, Brusa L, Cereda C, Cossu G, Criscuolo C, Dati G, De Rosa A, Eleopra R, Fabbri G, Fadda L, Garbellini M, Minafra B, Onofrj M, Pacchetti C, Palmieri I, Pellicchia MT, Petracca M, Picillo M, Pisani A, Vallerlunga A, Zangaglia R, Di Fonzo A, Morgante F, Valente EM; ITA_GENE_PD Study Group. GBA_Related Parkinson's Disease: Dissection of Genotype_Phenotype Correlates in a Large Italian Cohort. *Mov Disord*. 2020 Nov;35(11):2106-2111. doi: 10.1002/mds.28195. Epub 2020 Jul 13. PMID: 32658388. 3: Morandi A, Zambon A, Di Santo SG, Mazzone A, Cherubini A, Mossello E, Bo M, Marengoni A, Bellelli G; Italian Study Group on Delirium (ISGoD). Understanding Factors Associated With Psychomotor Subtypes of Delirium in Older Inpatients With Dementia. *J Am Med Dir Assoc*. 2020 Apr;21(4):486-492.e7. doi: 10.1016/j.jamda.2020.02.013. PMID: 32241566. 4: Law ZK, Todd C, Mehraram R, Schumacher J, Baker MR, LeBeau FEN, Yarnall A, Onofrj M, Bonanni L, Thomas A, Taylor JP. The Role of EEG in the Diagnosis, Prognosis and Clinical Correlations of Dementia with Lewy Bodies: A Systematic Review. *Diagnostics* (Basel). 2020 Aug 20;10(9):616. doi: 10.3390/diagnostics10090616. PMID: 32825520; PMCID: PMC7555753. 5: Carrarini C, Russo M, Dono F, Barbone F, Rispoli MG, Ferri L, Di Pietro M, Digiovanni A, Ajdinaj P, Speranza R, Granzotto A, Frazzini V, Thomas A, Pilotto A, Padovani A, Onofrj M, Sensi SL, Bonanni L. Agitation and Dementia: Prevention and Treatment Strategies in Acute and Chronic Conditions. *Front Neurol*. 2021 Apr 16;12:644317. doi: 10.3389/fneur.2021.644317. PMID: 33935943; PMCID: PMC8085397. 6: Di Pietro M, Russo M, Dono F, Carrarini C, Thomas A, Di Stefano V, Telesse R, Bonanni L, Sensi SL, Onofrj M, Franciotti R. A Critical Review of Alien Limb-Related Phenomena and Implications for Functional Magnetic Resonance Imaging Studies. *Front Neurol*. 2021 Sep 9;12:661130. doi: 10.3389/fneur.2021.661130. PMID: 34566830; PMCID: PMC8458742. 7: Onofrj M, Di Iorio A, Carrarini C, Russo M, Franciotti R, Espay AJ, Boylan LS, Taylor JP, Di Giannantonio M, Martinotti G, Valente EM, Thomas A, Bonanni L, Delli Pizzi S, Dono F, Sensi S. Preexisting Bipolar Disorder Influences the Subsequent Phenotype of Parkinson's Disease. *Mov Disord*. 2021 Aug 24. doi: 10.1002/mds.28745. Epub ahead of print. PMID: 34427338. 8: Onofrj M, Russo M, Carrarini C, Delli Pizzi S, Thomas A, Bonanni L, Espay AJ, Sensi SL. Functional neurological disorder and somatic symptom disorder in Parkinson's disease. *J Neurol Sci*. 2021 Oct 2;120017. doi: 10.1016/j.jns.2021.120017. Epub ahead of print. PMID: 34629180. 1: Carrarini C, Russo M, Dono F, Di Pietro M, Rispoli MG, Di Stefano V, Ferri L, Barbone F, Vitale M, Thomas A, Sensi SL, Onofrj M, Bonanni L. A Stage-Based Approach to Therapy in Parkinson's Disease. *Biomolecules*. 2019 Aug 20;9(8):388. doi: 10.3390/biom9080388. PMID: 31434341; PMCID: PMC6723065. 2: Quadri M, Mandemakers W, Grochowska MM, Masius R, Geut H, Fabrizio E, Breedveld GJ, Kuipers D, Minneboo M, Vergouw LJM, Carreras Mascaro A, Yonova-Doing E, Simons E, Zhao T, Di Fonzo AB, Chang HC, Parchi P, Melis M, Correia Guedes L, Criscuolo C, Thomas A, Brouwer RWW, Heijman D, Ingrassia AMT, Calandra Buonauro G, Rood JP, Capellari S, Rozemuller AJ, Sarchioto M, Fen Chien H, Vanacore N, Olgiati S, Wu-Chou YH, Yeh TH, Boon AJW, Hoogers SE, Ghazvini M, Ijpm AS, van IJcken WJ, Onofrj M, Barone P, Nicholl DJ, Puschmann A, De Mari M, Kievit AJ, Barbosa E, De Michele G, Majoor-Krakauer D, van Swieten JC, de Jong FJ, Ferreira JJ, Cossu G, Lu CS, Meco G, Cortelli P, van de Berg WDJ, Bonifati V; International Parkinsonism Genetics Network. LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. *Lancet Neurol*. 2018 Jul;17(7):597-608. doi: 10.1016/S1474-4422(18)30179-0. Epub 2018 Jun 7. Erratum in: *Lancet Neurol*. 2020 Feb;19(2):e2. PMID: 29887161. 3: Onofrj M, Carrozzino D, D'Amico A, Di Giacomo R, Delli Pizzi S, Thomas A, Onofrj V, Taylor JP, Bonanni L. Psychosis in parkinsonism: an unorthodox approach. *Neuropsychiatr Dis Treat*. 2017 May 16;13:1313-1330. doi: 10.2147/NDT.S116116. PMID: 28553118; PMCID: PMC5439966. 4: O'Dowd S, Schumacher J, Burn DJ, Bonanni L, Onofrj M, Thomas A, Taylor JP. Fluctuating cognition in the Lewy body dementias. *Brain*. 2019 Nov 1;142(11):3338-3350. doi: 10.1093/brain/awz235. PMID: 31411317. 5: O'Brien J, Taylor JP, Ballard C, Barker RA, Bradley C, Burns A, Collerton D, Dave S, Dudley R, Francis P, Gibbons A, Harris K, Lawrence V, Leroi I, McKeith I, Michaelides M, Naik C, O'Callaghan C, Olsen K, Onofrj M, Pinto R, Russell G, Swann P, Thomas A, Urwyler P, Weil RS, Ffytche D. Visual hallucinations in neurological and ophthalmological disease: pathophysiology and management. *J Neurol Neurosurg Psychiatry*. 2020 May;91(5):512-519. doi: 10.1136/jnnp-2019-322702. Epub 2020 Mar 25. PMID: 32213570; PMCID: PMC7231441. 6: Carrozzino D, Bech P, Patierno C, Onofrj M, Morberg BM, Thomas A, Bonanni L, Fulcheri M. Somatization in Parkinson's Disease: A systematic review. *Prog Neuropsychopharmacol Biol Psychiatry*. 2017 Aug 1;78:18-26. doi: 10.1016/j.pnpbp.2017.05.011. Epub 2017 May 15. PMID: 28522290. 7: Morandi A, Zambon A, Di Santo SG, Mazzone A, Cherubini A, Mossello E, Bo M, Marengoni A, Bellelli G; Italian Study Group on Delirium (ISGoD). Understanding Factors Associated With Psychomotor Subtypes of Delirium in Older Inpatients With Dementia. *J Am Med Dir Assoc*. 2020 Apr;21(4):486-492.e7. doi: 10.1016/j.jamda.2020.02.013. PMID: 32241566. 8: Ciccocioppo F, Lanuti P, Pierdomenico L, Simeone P, Bologna G, Ercolino E, Buttari F, Fantozzi R, Thomas A, Onofrj M, Centonze D, Miscia S, Marchisio M. The Characterization of Regulatory T-Cell Profiles in Alzheimer's Disease and Multiple Sclerosis. *Sci Rep*. 2019 Jun 19;9(1):8788. doi: 10.1038/s41598-019-45433-3. PMID: 31217537; PMCID: PMC6584558. 9: Monaco D, Berg D, Thomas A, Di Stefano V, Barbone F, Vitale M, Ferrante C, Bonanni L, Di Nicola M, Garzarella T, Marchionno LP, Malferrari G, Di Mascio R, Onofrj M, Franciotti R. The predictive power of transcranial sonography in movement disorders: a longitudinal cohort study. *Neurol Sci*. 2018 Nov;39(11):1887-1894. doi: 10.1007/s10072-018-3514-z. Epub 2018 Aug 7. PMID: 30088164. 10: Petrucci S, Ginevrino M, Trezzi I, Monfrini E, Ricciardi L, Albanese A, Avenali M, Barone P, Bentivoglio AR, Bonifati V, Bove F, Bonanni L, Brusa L, Cossu G, Cossu G, Criscuolo C, Dati G, De Rosa A, Eleopra R, Fabbri G, Fadda L, Garbellini M, Minafra B, Onofrj M, Pacchetti C, Palmieri I, Pellicchia MT, Petracca M, Picillo M, Pisani A, Vallerlunga A, Zangaglia R, Di Fonzo A, Morgante F, Valente EM; ITA_GENE_PD Study Group. GBA_Related Parkinson's Disease: Dissection of Genotype_Phenotype Correlates in a Large Italian Cohort. *Mov Disord*. 2020 Nov;35(11):2106-2111. doi: 10.1002/mds.28195. Epub 2020 Jul 13. PMID: 32658388. 11: Bonanni L, Cagnin A, Agosta F, Babiloni C, Borroni B, Bozzali M, Bruni AC, Filippi M, Galimberti D, Monastero R, Muscio C, Parnetti L, Perani D, Serra L, Silani V, Tiraboschi P, Padovani A; DLB_SINdem study group. The Italian dementia with Lewy bodies study group (DLB_SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. *Neurol Sci*. 2017 Jan;38(1):83-91. doi: 10.1007/s10072-016-2713-8. Epub 2016 Sep 13. PMID: 27624723. 12: Law ZK, Todd C, Mehraram R, Schumacher J, Baker MR, LeBeau FEN, Yarnall A, Onofrj M, Bonanni L, Thomas A, Taylor JP. The Role of EEG in the Diagnosis, Prognosis and Clinical Correlations of Dementia with Lewy

Bodies_A Systematic Review. *Diagnostics* (Basel). 2020 Aug 20;10(9):616. doi: 10.3390/diagnostics10090616. PMID: 32825520; PMCID: PMC7555753. 13: Bonanni L, Franciotti R, Martinotti G, Vellante F, Flacco ME, Di Giannantonio M, Thomas A, Onofrj M. Post Traumatic Stress Disorder Herald the Onset of Semantic Frontotemporal Dementia. *J Alzheimers Dis*. 2018;63(1):203-215. doi: 10.3233/JAD_171134. PMID: 29614666; PMCID: PMC5900559. 1: Monaco D, Berg D, Thomas A, Di Stefano V, Barbone F, Vitale M, Ferrante C, Bonanni L, Di Nicola M, Garzarella T, Marchionno LP, Malferrari G, Di Mascio R, Onofrj M, Franciotti R. The predictive power of transcranial sonography in movement disorders: a longitudinal cohort study. *Neurol Sci*. 2018 Nov;39(11):1887-1894. doi: 10.1007/s10072-018-3514-z. Epub 2018 Aug 7. PubMed PMID: 30088164. 2: Quadri M, Mandemakers W, Grochowska MM, Masius R, Geut H, Fabrizio E, Breedveld GJ, Kuipers D, Minneboo M, Vergouw LJM, Carreras Mascaro A, Yonova_Doing E, Simons E, Zhao T, Di Fonzo AB, Chang HC, Parchi P, Melis M, Correia Guedes L, Criscuolo C, Thomas A, Brouwer RWW, Heijnsman D, Ingrassia AMT, Calandra Buonauro G, Rood JP, Capellari S, Rozemuller AJ, Sarchioto M, Fen Chien H, Vanacore N, Olgiati S, Wu_Chou YH, Yeh TH, Boon AJW, Hoogers SE, Ghazvini M, IJpma AS, van IJcken WFJ, Onofrj M, Barone P, Nicholl DJ, Puschmann A, De Mari M, Kievit AJ, Barbosa E, De Michele G, Majoor_Krakauer D, van Swieten JC, de Jong FJ, Ferreira JJ, Cossu G, Lu CS, Mecro G, Cortelli P, van de Berg WDJ, Bonifati V; International Parkinsonism Genetics Network. LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome_wide linkage and sequencing study. *Lancet Neurol*. 2018 Jul;17(7):597-608. doi: 10.1016/S1474-4422(18)30179-0. Epub 2018 Jun 7. PubMed PMID: 29887161. 3: Bonanni L, Franciotti R, Martinotti G, Vellante F, Flacco ME, Di Giannantonio M, Thomas A, Onofrj M. Post Traumatic Stress Disorder Herald the Onset of Semantic Frontotemporal Dementia. *J Alzheimers Dis*. 2018;63(1):203-215. doi: 10.3233/JAD_171134. PubMed PMID: 29614666; PubMed Central PMCID: PMC5900559. 4: Onofrj M, Carrozzino D, D'Amico A, Di Giacomo R, Delli Pizzi S, Thomas A, Onofrj V, Taylor JP, Bonanni L. Psychosis in parkinsonism: an unorthodox approach. *Neuropsychiatr Dis Treat*. 2017 May 16;13:1313-1330. doi: 10.2147/NDT.S116116. eCollection 2017. Review. PubMed PMID: 28553118; PubMed Central PMCID: PMC5439966. 5: Carrozzino D, Bech P, Patierno C, Onofrj M, Morberg BM, Thomas A, Bonanni L, Fulcheri M. Somatization in Parkinson's Disease: A systematic review. *Prog Neuropsychopharmacol Biol Psychiatry*. 2017 Aug 1;78:18-26. doi: 10.1016/j.pnpbp.2017.05.011. Epub 2017 May 15. Review. PubMed PMID: 28522290. 6: Bonanni L, Cagnin A, Agosta F, Babiloni C, Borroni B, Bozzali M, Bruni AC, Filippi M, Galimberti D, Monastero R, Muscio C, Parnetti L, Perani D, Serra L, Silani V, Tiraboschi P, Padovani A; DLB_SINdem study group. The Italian dementia with Lewy bodies study group (DLB_SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. *Neurol Sci*. 2017 Jan;38(1):83-91. doi: 10.1007/s10072-016-2713-8. Epub 2016 Sep 13. PubMed PMID: 27624723. 7: Bonanni L, Di Giacomo R, D'Amico A, Frazzini V, Franciotti R, Manzoli L, Thomas A, Onofrj M. Akinetic crisis in dementia with Lewy bodies. *J Neurol Neurosurg Psychiatry*. 2016 Oct;87(10):1123-6. doi: 10.1136/jnnp.2015.312914. Epub 2016 Apr 11. PubMed PMID: 27068351. 8: Delli Pizzi S, Franciotti R, Bubbico G, Thomas A, Onofrj M, Bonanni L. Atrophy of hippocampal subfields and adjacent extrahippocampal structures in dementia with Lewy bodies and Alzheimer's disease. *Neurobiol Aging*. 2016 Apr;40:103-109. doi: 10.1016/j.neurobiolaging.2016.01.010. Epub 2016 Jan 22. PubMed PMID: 26973109. 1: Tinazzi M, Fasano A, Geronzi C, Morgante F, Ceravolo R, Rossi S, Thomas A, Fabbri G, Bentivoglio A, Tamma F, Cossu G, Modugno N, Zappia M, Volontè MA, Dallochio C, Abbruzzese G, Pacchetti C, Marconi R, Defazio G, Canesi M, Cannas A, Pisani A, Mirandola R, Barone P, Vitale C; Italian Pisa Syndrome Study Group. Pisa syndrome in Parkinson disease: An observational multicenter Italian study. *Neurology*. 2015 Nov 17;85(20):1769-79. doi: 10.1212/WNL.0000000000002122. Epub 2015 Oct 21. PubMed PMID: 26491088. 1: Quadri M, Mandemakers W, Grochowska MM, Masius R, Geut H, Fabrizio E, Breedveld GJ, Kuipers D, Minneboo M, Vergouw LJM, Carreras Mascaro A, Yonova_Doing E, Simons E, Zhao T, Di Fonzo AB, Chang HC, Parchi P, Melis M, Correia Guedes L, Criscuolo C, Thomas A, Brouwer RWW, Heijnsman D, Ingrassia AMT, Calandra Buonauro G, Rood JP, Capellari S, Rozemuller AJ, Sarchioto M, Fen Chien H, Vanacore N, Olgiati S, Wu_Chou YH, Yeh TH, Boon AJW, Hoogers SE, Ghazvini M, IJpma AS, van IJcken WFJ, Onofrj M, Barone P, Nicholl DJ, Puschmann A, De Mari M, Kievit AJ, Barbosa E, De Michele G, Majoor_Krakauer D, van Swieten JC, de Jong FJ, Ferreira JJ, Cossu G, Lu CS, Mecro G, Cortelli P, van de Berg WDJ, Bonifati V; International Parkinsonism Genetics Network. LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome_wide linkage and sequencing study. *Lancet Neurol*. 2018 Jul;17(7):597-608. doi: 10.1016/S1474-4422(18)30179-0. Epub 2018 Jun 7. PubMed PMID: 29887161. 2: Quadri M, Breedveld GJ, Chang HC, Yeh TH, Guedes LC, Toni V, Fabrizio E, De Mari M, Thomas A, Tassorelli C, Rood JP, Saddi V, Chien HF, Kievit AJ, Boon AJ, Stocchi F, Lopiano L, Abbruzzese G, Cortelli P, Mecro G, Cossu G, Barbosa ER, Ferreira JJ; International Parkinsonism Genetics Network, Lu CS, Bonifati V. Mutations in TMEM230 are not a common cause of Parkinson's disease. *Mov Disord*. 2017 Feb;32(2):302-304. doi: 10.1002/mds.26900. Epub 2017 Jan 16. PubMed PMID: 28090676. 3: Di Fonzo A, Fabrizio E, Thomas A, Fincati E, Marconi R, Tinazzi M, Breedveld GJ, Simons EJ, Chien HF, Ferreira JJ, Horstink MW, Abbruzzese G, Borroni B, Cossu G, Dalla Libera A, Fabbri G, Guidi M, De Mari M, Lopiano L, Martignoni E, Marini P, Onofrj M, Padovani A, Stocchi F, Toni V, Sampaio C, Barbosa ER, Mecro G; Italian Parkinson Genetics Network, Oostra BA, Bonifati V. GIGYF2 mutations are not a frequent cause of familial Parkinson's disease. *Parkinsonism Relat Disord*. 2009 Nov;15(9):703-5. doi: 10.1016/j.parkreldis.2009.05.001. Epub 2009 May 31. PubMed PMID: 19482505. 2: Stocchi F, Antonini A, Barone P, Tinazzi M, Zappia M, Onofrj M, Ruggieri S, Morgante L, Bonuccelli U, Lopiano L, Pramstaller P, Albanese A, Attar M, Posocco V, Colombo D, Abbruzzese G; DEEP study group. Early Detection of Wearing off in Parkinson disease: the DEEP study. *Parkinsonism Relat Disord*. 2014 Feb;20(2):204-11. doi: 10.1016/j.parkreldis.2013.10.027. Epub 2013 Nov 5. Erratum in: *Parkinsonism Relat Disord*. 2015 Jul;21(7):827. PubMed PMID: 24275586. 9: Delli Pizzi S, Franciotti R, Taylor JP, Esposito R, Tartaro A, Thomas A, Onofrj M, Bonanni L. Structural Connectivity is Differently Altered in Dementia with Lewy Body and Alzheimer's Disease. *Front Aging Neurosci*. 2015 Nov 2;7:208. doi: 10.3389/fnagi.2015.00208. eCollection 2015. PubMed PMID: 26578952; PubMed Central PMCID: PMC4629464. 10: Onofrj M, Bonanni L, Delli Pizzi S, Caulo M, Onofrj V, Thomas A, Tartaro A, Franciotti R. Cortical Activation During Levitation and Tentacular Movements of Corticobasal Syndrome. *Medicine* (Baltimore). 2015 Nov;94(45):e1977. doi: 10.1097/MD.0000000000001977. PubMed PMID: 26559277; PubMed Central PMCID: PMC4912271. 11: Capasso M, De Angelis MV, Di Muzio A, Anzellotti F, Bonanni L, Thomas A, Onofrj M. Critical Illness Neuromyopathy Complicating Akinetic Crisis in Parkinsonism: Report of 3 Cases. *Medicine* (Baltimore). 2015 Jul;94(28):e1118. doi: 10.1097/MD.0000000000001118. PubMed PMID: 26181547; PubMed Central PMCID: PMC4617089. 12: Franciotti R, Delli Pizzi S, Perfetti B, Tartaro A, Bonanni L, Thomas A, Weis L, Biundo R, Antonini A, Onofrj M. Default mode network links to visual hallucinations: A comparison between Parkinson's disease and multiple system atrophy. *Mov Disord*. 2015 Aug;30(9):1237-47. doi: 10.1002/mds.26285. Epub 2015 Jun 12. PubMed PMID: 26094856. 13: Olgiati S, Thomas A, Quadri M, Breedveld GJ, Graafland J, Eussen H, Douben H, de Klein A, Onofrj M, Bonifati V. Early_onset parkinsonism caused by alpha_synuclein gene triplication: Clinical and genetic findings in a novel family. *Parkinsonism Relat Disord*. 2015 Aug;21(8):981-6. doi: 10.1016/j.parkreldis.2015.06.005. Epub 2015 Jun 9. PubMed PMID: 26077166. 14: Erskine D, Taylor JP, Firbank MJ, Patterson L, Onofrj M, O'Brien JT, McKeith IG, Attems J, Thomas AJ, Morris CM, Khundakar AA. Changes to the lateral geniculate nucleus in Alzheimer's disease but not dementia with Lewy bodies. *Neuropathol Appl Neurobiol*. 2016 Jun;42(4):366-76. doi: 10.1111/nan.12249. Epub 2015 Jun 2. PubMed PMID: 25967384; PubMed Central PMCID: PMC4913748. 15: Martino G, Capasso M, Nasuti M, Bonanni L, Onofrj M, Thomas A. Dopamine transporter single_photon emission computerized tomography supports diagnosis of akinetic crisis of parkinsonism and of neuroleptic malignant syndrome. *Medicine* (Baltimore). 2015 Apr;94(13):e649. doi: 10.1097/MD.0000000000000649. PubMed PMID: 25837755; PubMed Central PMCID: PMC4554017. 16: Delli Pizzi S, Franciotti R, Taylor JP, Thomas A, Tartaro A, Onofrj M, Bonanni L. Thalamic Involvement in Fluctuating Cognition in Dementia with Lewy Bodies: Magnetic Resonance Evidences. *Cereb Cortex*. 2015 Oct;25(10):3682-9. doi: 10.1093/cercor/bhu220. Epub 2014 Sep 26. PubMed PMID: 25260701; PubMed Central PMCID: PMC4585510. 17: Bonanni L, Perfetti B, Bifulchetti S, Taylor JP, Franciotti R, Parnetti L, Thomas A, Onofrj M. 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Projects

□ EDMUS _ European Database for Multiple Sclerosis 1992_1994, Supervisor: Prof. C. Confavreux, Lyon, (France)
 □ PRIMS _ Pregnancy in Multiple Sclerosis, 1993_1997, Supervisor Prof. C. Confavreux, Lyon, (France) □ since 1993 I entered in the "Studio Multicentrico, progetto 40%: methodology for data base EEG quantified and EP", supervisor Prof. Noè Battistini, Institute of Nervous and Mental Disease, University Siena, and "Studio Multicentrico, progetto 60%: fisiopatologia, neuroscience and image technique", supported by National Council Research (Ministero dell'Università e della Ricerca Scientifica e Tecnologica) (div. X_00196_ROMA), equivalent to the American Datatop. ADESTONE BANDO 2004 Coordinatore Scientifico del Programma di Ricerca: GAMBI Domenico Titolo del Programma di Ricerca: "Meccanismi biologici e molecolari nella malattia di Alzheimer" Responsabile Scientifico dell'unità di Ricerca: GAMBI Domenico Titolo dell'Unità di Ricerca: INFLUENZA DELLA DISOMEOSTASI DEL CALCIO E DELLA SECREZIONE DI CITOCHINE NELLA MALATTIA DI ALZHEIMER PRIN 2004 □ since may 98 STUDIO MULTIMODALE DELLE EPILESSIE FOCALI MEDIANTE IMAGING FUNZIONALE (MURST) coordinator Prof. Carlo Alberto Tassinari Clinica Neurologica dell'Università Bologna □ since September 98 collaboration with the Institute of advanced biomedical Technique (ITAB) dell'Università di Chieti for the development of stimuli for the research of the cognitive function (memory, vision,) with F-MRI □ since 2001 collaboration in the group of Prof. Onofrj in the Center of Excellence on Aging, CESI, University "G.D'Annunzio"

Since 1991 I am involved in more than 100 drug research protocols (adult and elder population) phase I-IV as sub investigator and Principal Investigator

tested drugs were for therapeutic indication in Parkinson's disease Patients in different stages of disease (advanced technique on administration of L-Dopa- patch, inhalatory devices, pumps), Alzheimer's disease, Frontotemporal dementia, epilepsy, depression atypical parkinsonism (MSA, PSP, CGB), depression in neurodegenerative diseases, psychosis in neurodegenerative diseases,

Memberships

SINC 1994_1998 (Italian society of clinical neurophysiopathology)

Limpe since 1996 (Italian society of Parkinson's Disease and related disorders) SINDEM since 2007-present

SIN since 2008-present

LICE since 1996 (Italian Epilepsy Society)

Movement Disorders Society since 2000-present

EAN since 2004-present member of the Movement Disorder sub-committee EAN substitute Delegate 2015_2016_2017_2018

Other Relevant Information

□ mother tongue German □ fluent Italian language: certified maximum level at the Italian Language School "Michelangelo" Florence □ adequate English knowledge (upper level), certified by: 'University of St. Andrews' Scotland □ working knowledge of VEP, BAEP, ERP, Brain Mapping, UPDRS, EDSS (Kurtzke), isoelectrofocusing, new image technique (SPECT, MRI, fMRI), dementia assessment (MMSE, NPI, ADAS_cog., GBS, CDR, IADL, ADL, BDS, ICS, HDRS, RSS, BIMIC, CIBIC_plus, CGIC, KEFS, Mattis CSSSR)