

PETRONILLA BATTISTA, PHD

◦ DETAILS ◦

petronilla.battista@gbhi.org

◦ LINK ◦

gbhi.org/petronilla-battista

◦ INTERESTS ◦

Skiing, Reading, Traveling, curious to know new people

◦ LANGUAGES ◦

English

Italian

📁 WORK EXPERIENCE

Researcher, Head of the Laboratory of Neuropsychology, IRCCS Maugeri Institute – Bari, Italy

Jan 2018 — Present

Associate Specialist, GBHI Fellow, Memory & Aging Center, Department of Neurology, University of California San Francisco

August 2020 — December 2021

Mentor: Prof. Maria Luisa Gorno-Tempini

Scientific Advisor for "DeepTrace Technologies" www.deeptracetech.com a Spin-off of University School for Advanced Studies IUSS Pavia, Italy

Artificial intelligence algorithms predicting the onset and development of neurodegenerative diseases, improving their diagnosis, prognosis and therapy

May 2020 — Present

Research Fellow AIRALZH-Coop, NEUROFARBA Department - Universita' degli studi di Firenze, Italy

October 2016 — June 2018

National Network of Young Researchers involved in Alzheimer's Disease Research funded by the Italian Association for Alzheimer's Research Onlus.

Research Fellow Institute of Molecular Bioimaging and Physiology (IBFM) - Consiglio Nazionale delle Ricerche (CNR), Milano, Italy

December 2013 — September 2016

Member of the Laboratory of Innovation and Research in Molecular Medicine, R&D in the field of personalized medicine, extraction of diagnostic, prognostic and predictive markers of Alzheimer's disease, with artificial intelligence.

Speech and Language Therapist, University of San Raffaele, Department of Cognitive and Motor Rehabilitation, Milan, Italy

September 2012 — April 2013

Visiting Research Scholar, Neuroscience and Aphasia Unit (NARU) - University of Manchester, Manchester, UK

September 2012 — April 2013

Supervisors: Dr Anna Wollams & Dr Paul Conroy

🎓 EDUCATION AND TRAINING

PhD in Cognitive Neuroscience, University School for Advanced Studies IUSS (IUSS) – Pavia, IT

February 2014 — September 2017

Graduated with distinction

Thesis: "Screening for Aphasia in NeuroDegeneration: development, normative data and clinical validity" Mentor: Prof. Stefano Cappa.

Cognitive behavioral therapy (CBT) Specialist, Istituto Santa Chiara, Lecce, IT

October 2016 — December 2020

**Postgraduate School of “Systematic Reviews and Metanalysis, Cochrane”,
Universita’ degli studi di Verona, Italy**

April 2015 — July 2015

**Master’s degree in Cognitive Neuroscience, School of Psychology, Vita-Salute
San Raffaele University – Milan, Italy**

January 2010 — July 2012

Graduated with distinction: Magna cum laude

Thesis “Neural mechanisms of lexical retrieval in post stroke aphasia patients: a pilot study with H-Coil TMS” Mentors: Prof. S. Cappa, Prof. J. Abutalebi

**Bachelor’s degree in Speech and Language Therapy, School of Medicine,
Universita’ degli studi di Bari Aldo Moro, IT**

October 2006 — October 2009

Graduated with distinction: Magna cum laude

Thesis: “Cognitive deficits in Alzheimer’s disease: case series”

★ **PARTICIPATION IN RESEARCH NETWORKS AND NATIONAL/INTERNATIONAL FUNDED PROJECTS**

- 2024-2026: Principal Investigator of the Research Project PNRR-MCNT2-2023-12378220 “After Diagnosis, What Can Be Done?’ Speech and Language-Tailored Interventions for People with Primary Progressive Aphasia” Piano Nazionale di Ripresa e Resilienza (“PNRR”): M6/C2_CALL 2023 (750.000 €).
- 2023 Member of the International Network of Speech and Language Therapists involved in PPA research, representing Italy, my country.
- 01/04/2023 Principal Research Collaborator “The etiopathological basis of gait derangement in Parkinson’s disease: decoding locomotor network dynamics” PNRR-MAD-2022-12376927 Piano Nazionale di Ripresa e Resilienza (“PNRR”): M6/C2_CALL 2022 (980.000 €).
- 01/02/2023 Principal Research Collaborator “Fit4MedRob - Fit for Medical Robotics” Finanziato dal Piano Nazionale di Ripresa e Resilienza (“PNRR”) call “Avviso per la concessione di finanziamenti destinati ad iniziative di ricerca per tecnologie e percorsi innovativi in ambito sanitario e assistenziali” 2.5M
- Principal investigator of “App4PPA”: a feasibility study of remote speech&language therapy in Italian individuals with primary progressive aphasia” 2022-2024 Pilot Awards for Global Brain Health Leaders by the Alzheimer’s Association (\$25.000).
- Member of the “Panel Esperti per la stesura delle Linee Guida sulla Diagnosi e Trattamento delle demenze”, Istituto Superiore di Sanità, Rome
- Member of the Include Network for Cross-Linguistic Research on Brain Health. Coordinators: Drs. Adolfo M. García, Jessica De Leon, Boon Lead Tee, and Maria Luisa Gorno-Tempini
- Local Unit Coordinator of IRCCS Istituti Clinici Scientifici Maugeri Bari, PRIN 2017JNKCYZ “Phonetic analysis of dysarthric speech by speakers of different varieties of Italian to develop clinical tools: objective, quantitative assessment for severity measurement, early diagnosis and rehabilitation

planning, taking into account sociophonetic variation in Parkinson disease".
€ 27.400,00 Decreto di Approvazione n.697- 2019

- Member of "*Care-G: una piattaforma di servizi per la cura della salute e la qualità della vita degli anziani*" (funded by Regione Lombardia: 183.750,02 EUR). Protocol Number: 0002628. Aims: Development of test tools and batteries for the collection of clinical-physical and neuro-behavioral parameters in the elderly population.
- Member of "*A standardised, multilingual, Mini Linguistic State Examination (MLSE) for classifying and monitoring Primary Progressive Aphasia*" funded by Medical Research Council (Ref MR/N025881/1); Chief Investigator: Prof. Peter Garrard (St George's University of London) Co-PI Prof. S. Cappa (IUSS-Pavia), Dr. K. Patterson, Prof. J. Rowe e Prof. J. Barker (University of Cambridge), Prof. M. Lambon Ralph (University of Manchester).
- Member of the National Network of Young Researchers involved in Alzheimer's Disease Research funded by the Italian Association for Alzheimer's Research Onlus, from 01-10-2016 to 01-07-2018
- Member of "*GreatAge Aging in populations Regione Puglia*", Scientific Coordinator of the Neuropsychology clinical and research activities, funded by National PRIN 2009 (DM 19 Marzo 2010 n.51) and Regione Puglia 15/07/2015 to 15/01/2020 DIF 450.000,00 euro.
- Member of "*Registro Regionale Pugliese SLAP_dem per le malattie rare ALS/FTD*" Coordinator of the Neuropsychology clinical and research activities, funded by 1284/2015 Regione Puglia 66.000,00 euro, from 01-10-2018 to present
- Member of "*NDAL - Neurodegenerative diseases Project Albania*" funded by Regione Puglia 25.000€. From 01-12-2018 to present
- Member of Global Brain Health Institute (GBHI), University of California San Francisco (from 25/08/2020 to present)
<https://www.gbhi.org/profiles/petronilla-battista>
- Member of ALBA Language Neurobiology Lab, Director: Prof. Maria Luisa Gorno-Tempini
- Head of the Neuropsychology Lab, IRCCS Istituti Clinici Scientifici Maugeri - Bari from January 2021 to present
- Scientific collaboration with Aphasia Research and Treatment Lab. - University of Texas. Director Prof. Maya Henry.

AWARDS AND AFFILIATION TO SCIENTIFIC ACADEMIES

- **National Accreditation as Associate Professor of Neuropsychology, Italy** May 2021
- **National Accreditation as Associate Professor of Rehabilitation Sciences,** June 2023
- **Pilot Awards for Global Brain Health Leaders (\$ 25,000),** "App4PPA: a feasibility study of remote speech and language therapy in Italian individuals with Primary Progressive Aphasia" 2022
- **American Academy of Neurology's Science Committee (AAN's 70th Annual Meeting) Award for the Press Release program, newsworthy abstracts to national and international media, Los Angeles, CA** April 2018
- **Best Poster Award - AAO-HNSF Annual Meeting, New Orleans, LA**

September 2019

- **Best Oral Presentation Young Researchers "Giulia Benassi" Societa' Italiana di Neuroepidemiologia**, XXII National Congress- February 2018
- **Travel Award British Neuropsychological Society (BNS) Autumn Meeting, Londra, UK** October 2012
- **Member of the Global Brain Health Institute, International Society for Fronto-temporal dementia, Alzheimer's Association, Society for the Neurobiology of Language (SNL), Collaboration of Aphasia Trialists, AC, UK**
- **Member of SINDem, Associazione autonoma aderente alla SIN per le demenze, Firenze, Societa' Italiana di Neuropsicologia (SINP), Societa' Riabilitazione Ospedali Privati** July 2018 – to present

★ REVIEWER AND EDITOR OF THE FOLLOWING JOURNALS

- Associate Editor within the Journal of Alzheimer's disease (JAD), Frontiers in Psychology, section Neuropsychology, and Guest Associate Editor within Aging Neuroscience journal. Editorial work on " The impact of modifiable risk factors on brain structure, function, cognition and dementia risk in aging "May 2021
- Member of the Editorial Board for "Dementia & Neurodegenerative diseases" -Frontiers in Neurology and of the Editorial Board for Frontiers in Psychology – section Neuropsychology
- Member of the Editorial Board peer-reviewed EC Neurology Journal
- Ad hoc reviewer for: Nature Scientific Reports, Frontiers in Psychology, Brain and Behavior, Journal of Alzheimer's disease (JAD), Journal of Neuropsychology, International Journal of Alzheimer's Disease, Neurocase, Neurological Sciences, BMC Psychology, Frontiers in Neuropsychology, Bioengineering, Aphasiology, European Journal of Neurology, Frontiers in Neurology, Frontiers in Aging Neuroscience, Behavioral Neurology.

★ PUBLICATIONS

Scopus H-index 19

Citations: 1059, Number of papers: 43

1. Volkmer A., Hausman, A., Niranjana, A., **Battista, P.** and Jokel, R. Group interventions for people with primary progressive aphasia and their carers: considerations for clinical practice. UNDER REVIEW
2. Palmirotta C., Aresta S., **Battista P.***, Tagliente S., ... Salvatore C. (2024) Unveiling the Diagnostic Potential of Linguistic Markers in identifying individuals with Parkinson's Disease through Artificial Intelligence: a Systematic Review. BRAIN SCIENCE 14(2), 137.
3. Circulating biomarkers of inflammaging and Alzheimer's disease to track age-related trajectories of dementia: Can we develop a clinically relevant composite combination? (2024). Abbatecola, A.M., Giuliani, A., Biscetti, L., **Battista P.**,...Sabbatinelli, J., Olivieri, F. Ageing Research Reviews 96, 10225
4. Lorca-Puls, D. L., Gajardo-Vidal, A., Mandelli, M. L., Illán-Gala, I., Ezzes, Z., Wauters, L. D., **Battista P.** ... & Gorno-Tempini, M. L. (2023). Neural basis of speech and grammar symptoms in non-fluent variant primary progressive aphasia spectrum. BRAIN.

5. **Battista P.***, Piccininni M., Montembeault M., Messina A., Miller B.L., Henry M.H, Gorno-Tempini ML, & Grasso S. (2023) Access, Referral, Service Provision and Management of Individuals with Primary Progressive Aphasia: A Survey of Speech-Language Therapists in Italy. *INTERN JOURNAL OF LANGUAGE & COMMUNICATION DISORDERS* 00, 1– 15.
6. Griseta C., **Battista P.**, Castellana F., Colonna I., Sciarra S., ... Sardone R. (2023) Serum levels of IL-6 is related to cognitive impairment in the Salus in Apulia population-based Study. *HELYION CELL PRESS*
7. Lagravinese G., Castellana G., Castellana F., Petrelli R., Genco M., Ruccia M., Aliani M., Carone M., Sardone R., **Battista P.*** (2023) Cognitive deficits in post-Covid19 Patients Using the Repeatable Battery for the Assessment of Neuropsychological Status (R-BANS) in a post-acute Pneumological Rehabilitation Unit in South of Italy. *BRAIN SCIENCES* 13(1), 84.
8. Aguzzoli S.C., **Battista P.**, Hadad R., Felloni Borges F., Schilling L.P., Miller B.L. (2022) Very Early-onset Behavioral Variant Frontotemporal Dementia in a patient with a Variant of Uncertain Significance of a FUS Gene Mutation. *NEUROCASE*. Volume 28, 2022 - Issue 4.
9. Giaquinto F., **Battista P.***, Angelelli P. (2022) Touchscreen Cognitive Tools for Mild Cognitive Impairment and Dementia used in Primary Care across Diverse Cultural and Literacy Populations: A Systematic Review. *JOURNAL OF ALZHEIMER DISEASE*.
10. Quarato V., D'Antona S., **Battista P.**, Zupo R., Sardone R., Castiglioni I., Porro D., Frasca M., Cava C. (2022) Transcriptional profiling of hippocampus identifies network alterations in Alzheimer's Disease. *APPLIED SCIENCES*.
11. Lozupone, M., D'Urso, F., Copetti, M., Sardone, R., Arcuti, S., Castellana, F., **Battista P.**, ... & Panza, F. (2022). The diagnostic accuracy of late-life depression is influenced by subjective memory complaints and educational level in an older population in Southern Italy. *Psychiatry Research*, 308, 114346.
12. Geraudie A.; **Battista P.**; García A.M.; Allen I.E.; Miller Z.A.; Gorno-Tempini ML; Montembeault M. Speech and language impairments in behavioral variant frontotemporal dementia: A systematic review. Submitted to *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*.
13. Lagravinese, G., Sardone, R., De Trane, S., Montenegro, F., Losavio, E., Fiore, P., & **Battista, P.** (2021). Intensive Neurofeedback-based Training to Improve Impaired Attention and Executive Functions Secondary to Resection of Tuberculum Sellae Meningioma: A Case Study. *NEUROREGULATION*, 8(3), 149-149.
14. Bortone I., Griseta C. **Battista P.**, Castellana F., Lampignano L., ..., Sardone R., Panza F. (2021) Physical and Cognitive Profiles in Motor Cognitive Risk Syndrome in an Older Population from Southern Italy. *EUROPEAN JOURNAL OF NEUROLOGY*.
15. Zupo, R., Griseta, C., **Battista, P.**, Donghia, R., Guerra, V., Castellana, F., ... & Panza, F. (2021). Role of plant-based diet in late-life cognitive decline: results from the Salus in Apulia Study. *NUTRITIONAL NEUROSCIENCE*, 1-10.
16. **Battista P**, Salvatore C, Berlingeri M, Cerasa A, Castiglioni I (2020). Artificial intelligence and Neuropsychological measures: the case of Alzheimer's disease. *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*, ISSN: 0149-7634, doi: 10.1016/j.neubiorev.2020.04.026
17. Scrutinio, D., Ricciardi, C., Donisi, L., Losavio, E., **Battista, P.**, Guida, P., ... &

- D'Addio, G. (2020). Machine learning to predict mortality after rehabilitation among patients with severe stroke. *Scientific reports*, 10(1), 1-10
18. Lozupone M, Sardone R, Donghia R, D'Urso F, Piccininni C, **Battista P**, Di Gioia U, Resta E, Castellana F, Lampignano L, Zupo R, Bortone I, Guerra V, Griseta C, Seripa D, Solfrizzi V, Giannelli G, Quaranta N, Logroscino G, Bellomo A, Panza F (2020). Late-onset depression is associated to age-related central auditory processing disorder in an older population in Southern Italy. *GEROSCIENCE*, ISSN: 2509-2723, doi: 10.1007/s11357-020-00290-1
 19. **Battista P**, Griseta C, Tortelli R, Guida P, Castellana F, Rivolta D, Logroscino G (2020). The Modified five-points test. Normative data for a sample of Italian Elderly. *NEUROLOGICAL SCIENCES*, ISSN: 1590-3478, doi: 10.1007/s10072-020-04818-3
 20. Tortelli, R., Zecca, C., Piccininni, M., Benmahamed, S., Dell'Abate, M. T., **Battista P** & Logroscino, G. (2020). Plasma inflammatory cytokines are elevated in ALS. *Frontiers in neurology*,
 21. Messina A, Miozzo A, Logroscino G, **Battista P** (2020). Primary Progressive Aphasia: What We Know So Far about the Literature on Speech and Language Interventions. *LOGOPEDIA E COMUNICAZIONE*, vol. 16, p. 183-212, ISSN: 1825-6724, doi: 10.14605/LOG1622004
 22. Sardone R, **Battista P**, Donghia R, Lozupone M, Tortelli R, Guerra V, Grasso A, Griseta C, .. Logroscino G, Quaranta N (2020). Age-Related Central Auditory Processing Disorder, MCI, and Dementia in an Older Population of Southern Italy. *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*, ISSN: 0194-5998, doi: 10.1177/0194599820913635
 23. Scrutinio D, **Battista P**, Guida P, Lanzillo B, Tortelli R (2020). Sex differences in long-term mortality and functional outcome after rehabilitation in patients with severe stroke. *FRONTIERS IN NEUROLOGY*, ISSN: 1664-2295, doi: 10.3389/fneur.2020.00084
 24. Scrutinio D, Ricciardi C, Donisi L, Losavio E, **Battista P**, Guida P, M Cesarelli, Pagano G, D'Addio G (2020). Machine learning to predict mortality after rehabilitation among patients with severe stroke. *SCIENTIFIC REPORTS*, ISSN: 2045-2322
 25. Spagnolo F, Rini A, Guida P, Longobardi S, **Battista P**, Passarella B (2020). The Choice of Leg During Pull Test in Parkinson's Disease: Not Mere Chance. *FRONTIERS IN NEUROLOGY*, ISSN: 1664-2295, doi: 10.3389/fneur.2020.00302
 26. **Battista P**, Capozzo R, Rizzo G, Zecca C, Anastasia A, De Blasi R, Logroscino G (2019). Early pathological gambling in co-occurrence with semantic variant primary progressive aphasia: a case report. *CLINICAL INTERVENTIONS IN AGING*, ISSN: 1178-1998, doi: 10.2147/CIA.S197484
 27. Logroscino G, Imbimbo BP, Lozupone M, Sardone R, Capozzo R, **Battista P**, Zecca C, Dibello V, Giannelli G, Bellomo A, Greco A, Daniele A, Seripa D, Panza F (2019). Promising therapies for the treatment of frontotemporal dementia clinical phenotypes: from symptomatic to disease-modifying drugs.. *EXPERT OPINION ON PHARMACOTHERAPY*, ISSN: 1744-7666 doi: 10.1080/14656566.2019.1598377
 28. Logroscino G, Piccininni M, Binetti G, Zecca C, Turrone R, Capozzo R, Tortelli R, **Battista P**, Bagoj E, Barone R, Fostinelli S, Benussi L, Ghidoni R, Padovani A, Cappa SF, Alberici A, Borroni B (2019). Incidence of frontotemporal lobar degeneration in Italy: The Salento-Brescia Registry study. *NEUROLOGY*, ISSN: 0028-3878, doi: 10.1212/WNL.00000000000007498
 29. Sardone R, **Battista P**, Panza F, Lozupone M, Griseta C, Castellana F, Capozzo

- R, Ruccia M, Resta E, Seripa D, Logroscino G, Quaranta N (2019). The Age-Related Central Auditory Processing Disorder: Silent Impairment of the Cognitive Ear. *FRONTIERS IN NEUROSCIENCE*, ISSN: 1662-453X, doi: 10.3389/fnins.2019.00619
30. Sardone R, Lampignano L, Guerra V, Zupo R, Donghia R, Castellana F, **Battista P**, Bortone I, Procino F, Castellana M, Passantino A, Rucco R, Lozupone M, Seripa D, Panza F, De Pergola G, Giannelli G, Logroscino G, Boeing H, Quaranta N (2019). Relationship between Inflammatory Food Consumption and Age-Related Hearing Loss in a Prospective Observational Cohort: Results from the Salus in Apulia Study. *NUTRIENTS*, ISSN: 2072-6643, doi: 10.3390/nu12020426
31. Scrutinio D, Lanzillo B, Guida P, Passantino A, Spaccavento S, **Battista P** (2019). Association between Malnutrition and Outcomes in patients with severe Ischemic Stroke undergoing Rehabilitation. *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*, vol. 101, ISSN: 1532-821X, doi: 10.1016/j.apmr.2019.11.012
32. **Battista P.**, Catricalà, E, Piccininni, M, Copetti, M, Esposito, V Polito, C, Miozzo, A Gobbi, E, Cuoco, S Boschi V, Picillo M, Sorbi S, Barone, P, Iannaccone, S, Garrard P, Logroscino G, Cappa SF (2018). Screening for Aphasia in NeuroDegeneration for the Diagnosis of Patients with Primary Progressive Aphasia: Clinical Validity and Psychometric Properties. *DEMENTIA AND GERIATRIC COGNITIVE DISORDERS*, vol. 46, ISSN: 1420-8008, doi: 10.1159/000492632
33. Lozupone M, Panza F, Piccininni M, Copetti M, Sardone R, Imbimbo B, Stella E, D'Urso F, Barulli M, **Battista P**, Grasso A, Tortelli R, Capozzo R, Coppola F, Abbrescia DI, Bellomo A, Giannelli G, Quaranta N, Seripa D, Logroscino G (2018). Social Dysfunction in Older Age and Relationships with Cognition, Depression, and Apathy: The GreatAGE Study. *JOURNAL OF ALZHEIMER'S DISEASE*, vol. 65, p. 989-1000, ISSN: 1875-8908, doi: 10.3233/JAD-180466.
34. Panza F, Lozupone M, Sardone R, **Battista P**, Piccininni M, Dibello V, La Montagna M, Stallone R, Venezia P, Liguori A, Giannelli G, Bellomo A, Greco A, Daniele A, Davide Seripa D, Quaranta N, Logroscino G (2018). Sensorial frailty: age-related hearing loss and the risk of cognitive impairment and dementia in later life. *THERAPEUTIC ADVANCES IN CHRONIC DISEASE*, ISSN: 2040-6223, doi: 10.1177/2040622318811000
35. **Battista P**, Miozzo A, Piccininni M, Catricalà E, Capozzo R, Tortelli R, Padovani A, Cappa SF, Logroscino G (2017). Primary progressive aphasia: a review of neuropsychological tests for the assessment of speech and language disorders. *APHASIOLOGY*, ISSN: 0268-7038, doi: 10.1080/02687038.2017.1378799
36. **Battista, P.**, Salvatore, C., Castiglioni, I. (2017). Optimizing neuropsychological assessments for cognitive, behavioral, and functional impairment classification: A machine learning study. *BEHAVIOURAL NEUROLOGY*, vol. 2017, ISSN: 0953-4180, doi: 10.1155/2017/1850909
37. Catricala' E, Gobbi E, **Battista P**, Miozzo A, Polito C, Boschi V, Esposito V, Cuoco S, Barone P, Sorbi S, Cappa SF, Garrard P (2017). SAND: a Screening for Aphasia in NeuroDegeneration. Development and normative data. *NEUROLOGICAL SCIENCES*, ISSN: 1590-1874, doi: 10.1007/s10072-017-3001-y
38. SALVATORE C, **BATTISTA P**, CASTIGLIONI I (2016). Frontiers in the early diagnosis of AD by means of MRI brain imaging and Support Vector Machines. *CURRENT ALZHEIMER RESEARCH*, ISSN: 1567-2050, doi: 10.2174/1567205013666151116141705
39. Salvatore C, Cerasa A, **Battista P**, Gilardi MC, Quattrone A and Castiglioni I

(2015). Magnetic resonance imaging biomarkers for the early diagnosis of Alzheimer's disease: a machine learning approach. *FRONTIERS IN NEUROSCIENCE*, vol. 9:307, ISSN: 1662-4548, doi: 10.3389/fnins.2015.00307

40. Canini M, **Battista P**, Della Rosa PA, Catricalà E, Salvatore C, Gilardi MC, Castiglioni I. (2014). Computerized Neuropsychological Assessment in Aging: Testing Efficacy and Clinical Ecology of Different Interfaces. *COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE*, vol. 2014, 804723, ISSN: 1748-670X, doi: 10.1155/2014/804723
41. Chieffo R, Ferrari F, **Battista P**, Houdayer E, Nuara A, Alemanno F, Abutalebi J, Zangen A, Comi G, Cappa SF, Leocani L. (2014). Excitatory deep TMS with H-coil over the right homologous Broca's region improves naming in chronic post-stroke aphasia. *NEUROREHABILITATION AND NEURAL REPAIR*, vol. 28, p. 291-298, ISSN: 1545-9683, doi: 10.1177/1545968313508471

BOOK CHAPTERS

42. "Il Trattamento Logopedico dell' Afasia Primaria Progressiva" Miozzo A. & **Battista P**. in *Manuale di Afasiologia*. Editors: i Monti-Gilardone. Publisher Franco Angeli 2019
43. Logroscino G. & **Battista P**. "Neuroepidemiology: New Methods, Results, and Challenges in the Definition of the Early Phases of Alzheimer's Disease: Insights From Subjective Memory Complaints and Subjective Cognitive Decline" *Encyclopedia of Neuroscience and Biobehavioral Psychology* Elsevier <https://doi.org/10.1016/B978-0-12-819641-0.00008-6>. 2020
44. "Frontal lobe syndrome and dementias" **Battista P.**, Griseta C et al. Volume 2, In the *Encyclopedia The Neuroscience of Dementia book: Genetics, Neurology, Behavior, and Diet in Dementia 2020*, Pages 617- 632 doi.org/10.1016/B978-0-12-815868-5.00039-6 2020
45. Salvatore, C., **Battista, P.**, & Castiglioni, I. (2020). "Artificial Intelligence in Medicine: Can Computers Aid the Diagnosis of Alzheimer's Disease?" in the *The Wiley Encyclopedia of Health Psychology* 163-168.
46. Lozupone, M., La Montagna, M., Bellomo, A., **Battista, P.**, Seripa, D., Daniele, A., ... & Panza, F. (2020). "Delusions in dementias". In the *Encyclopedia The Neuroscience of Dementia* In *Genetics, Neurology, Behavior, and Diet in Dementia* (pp. 647-664). Academic Press.

★ **INVITED SPEAKER AT THE FOLLOWING CONFERENCES**

- IX Convegno Nazionale Federazione Logopedisti Italiani (FLI) Bari from 20-05-2010 to 22-05-2010
- Congresso SINDem sezioni meridionali: "Alzheimer's disease and other dementia - a twenty-year research", Lamezia Terme from 24-05-2016 to 26-05-2016
- 13th Annual Conference of the Italian Association for Cognitive Sciences (AISC) "Mind the gap: brain, cognition and society" - Torino from 24-11-2016 to 26-11-2016
- Congresso "Population medicine in healthy and pathological aging", IRCCS De Bellis Castellana Grotte (BA). From 26-09-2017 to 26-09-2017
- International conference: "New routes and concepts in the diagnosis and care of dementia", World Federation of Neurology, Tirana, Albania 05/07-10-2017

- Poster Presentation Battista P., Griseta C., Sardone R., Tortelli R., Logroscino G. "Assessing the Frontal Lobe syndrome in a population based sample of 65 years olds: preliminary results from the Great-Age Study" - Conferenza Internazionale "Atypical Dementias: From diagnosis to emerging therapies" - ICGEB Trieste from 21-11-2017 to 23-11-2017
- Congresso: "Orecchio, cervello e ipoacusia", A.O. Policlinico Bari from 15-02-2018 to 16-02-2018
- XV Convegno Nazionale NEP Neuroepidemiologia "Neurologia ed epidemiologia nell'era della precision medicine" Tricase (LE) from 23-02-2018 al 24-02-2018
- Corso di Aggiornamento "L' Afasia Primaria Progressiva: valutazione e trattamento" – Milano from 26-10-2018 al 27-10-2018
- XXII Convegno Regionale AINAT – SIN-T La Neurologia del territorio e le reti operative Precision Plinary – Noicattaro (BA) from 16-11-2018 al 16-11-2018
- International Conference "NEW TOOLS, CONCEPTS AND ROUTES IN THE DIAGNOSIS, CLINICAL CARE AND RESEARCH OF DEMENTIAS" –presentation titles "1) Cognitive impairment in ALS and FTD 2) Memory: Discussion and presentation: clinical cases 3) Language: Discussion and presentation: clinical cases". Belgrado (Serbia) from 15-01-2019 to 17-01-2019
- Convegno "Disfagia, Disturbi di Linguaggio e aspetti nutrizionali nella Sclerosi Laterale Amiotrofica" Ospedale C. Panico – Universita' degli studi di Bari Tricase from 14-06-2019 to 14-06-2019
- Sessione Neuropsicologia e Disturbi Precision comportamentali – XIII Convegno congiunto Sin-t, Ainat, SNO, SIN innovazione e cambiamento della rete delle Malattie Neurodegenerative: lo spettro pd-ad-dft-sla" Monopoli (BA) from 03-10-2019 to 03-10-2019
- Battista P. & Logroscino G. "Il ruolo della telemedicina nella medicina di precisione delle malattie neurodegenerative: il caso delle Afasie Primarie Progressive" 19° Congresso Nazionale dell'Associazione Italiana di Telemedicina e Informatica Medica – Università degli Studi della Basilicata Potenza from 11-11-2019 to 12-11-2019
- Giornata Nazionale Parkinson 2019, Acquaviva delle fonti (BA). From 30-11-2019 to 30-11-2019
- Organizer of the Event "Authenticity in Science and Communication" – Global Brain Health Institute, University of San Francisco (UCSF) 31-10-2020
- Invited Speaker at Roche Neuroscience and Rare Diseases Discovery and Translational Area Roche Pharma Research and Early Development: In Search of Neuropsychological markers of behavioral and language variants of Frontotemporal dementia. Roche – Basel 26/11/2020.
- 21° Congresso nazionale Associazione Italiana di Psicogeriatrics, "La Psicogeriatrics: medicina della complessità" Corso pregressuale di Neuropsicologia" Topic: Valutazione clinica dei disturbi di linguaggio e counseling nelle demenze 15 to 17 April 2021
- Corso di aggiornamento "Presenza in carico riabilitativa delle Afasie Progressive Primarie" (Gorno-Tempini ML, Battista P, Miozzo A), April 19, 2021 dell'AUSL-IRCCS di Reggio Emilia.
- "GLI INCONTRI DI NEUROLOGIA DEL MIULLI - VII Edizione" with a Talk

entitled: Il quadro neuropsicologico nelle Demenze degenerative: Alzheimer, Fronto-Temporali Lewy Body. Acquaviva delle fonti 21/12/2021

- Oral Presentation at the Alzheimer's Association International Conference® 2022 (AAIC®) July 31-Aug. 4 > San Diego, USA
- International Conference "Atlantic Fellows of Global Brain Health Institute" 05-07 luglio 2022, Phuket- Thailand.
- "Afasia Primaria Progressiva: valutazione e management" 17 Settembre 2022 Milano.
- Congresso "Giornate di Neurologia a Brindisi" con una relazione dal titolo: "I disturbi di linguaggio di natura neurodegenerativa" 13 settembre 2022, Brindisi.
- Simposio "Different approaches to MCI characterization: network analysis, machine learning and clinical frameworks" Congresso nazionale Associazione Italiana Psicologia (AIP) 2022, Padova.
- Cognitive Neurology Clinic, Tel Aviv University Healthy Longevity Research Center, Nov. 24th, 2022 Israel.
- ASL Firenze "Inquadramento diagnostico e trattamento dei disturbi comunicativi e linguistici nell'afasia primaria progressiva", 16- 18 Novembre 2022 ASL Firenze.
- Tavola Rotonda del Congresso "Il Parlato in Ambito Medico: analisi linguistica, applicazioni tecnologiche e strumenti clinici" 17 febbraio 2023 University of Salento – Lecce.
- Convegno "La Riabilitazione neurologica: un approccio individualizzato è possibile" 8-9 maggio 2023 Milano, Responsabile Scientifico: Prof. Massimo Filippi, UNISR.
- "Colloqui di Martina Franca" 21-23 settembre 2023.



POSTGRADUATE SUMMER AND WINTER SCHOOLS

Spring School EEG Analysis, Institute of Psychiatry, Psychology and Neuroscience, King's College London

March 2016 — April 2016

British Neuropsychological Society Conference, Institute of Neuroscience, UCL, London

October 2012

Corso Metodologia clinica e ricerca in riabilitazione, Scuola SIRM – Società Italiana Riabilitazione Neurologica IRCCS Santa Lucia, Roma

November 2014

ESCoP Summer School on Language, Basque Center on Cognition, Brain and Language (BCBL) - Donostia, San Sebastian, Spain

July 2014

Corso Tecniche avanzate di analisi segnali e immagini per lo studio anatomo-funzionale dell'attività cerebrale, Fondazione IRCCS Istituto Neurologico Carlo Besta Milano

January 2014 — June 2014

International School of Clinical Neuroanatomy: The Parietal Lobe, Conferenza Associazione Siciliana Neuroscienze, Sicily

May 2014

PROMPT Technique Workshop, The PROMPT Institute, Genoa IT

Ljuly 2019

Neuropsicologia forense, Societa' Italiana di neuropsicologia (SINP), Bertinoro, IT

October 2018

TEACHING ACTIVITIES

- 2023-2024: Journal Club "La riabilitazione dei disturbi di linguaggio" SSD MED/48. Facolta' di Medicina e Chirurgia, Corso di Laurea Magistrale Scienze Riabilitative, Universita' Vita Salute San Raffaele, Milano.
- 2023-2024: Lecturer Master Universitario in Logopedia in area Neurologica. "Demenze e Afasia Primaria Progressiva". Universita' degli studi di Torino.
- 2018-2024: Lecturer "Valutazione e riabilitazione del linguaggio scritto e orale e delle afasie. Esercitazione sugli strumenti di valutazione e pratiche di intervento M-PSI/01 M-PSI/02" Master Universitario II Livello in Esperto in Valutazione e Riabilitazione neurocognitiva dell'adulto e dell'anziano. Universita' del Salento, Lecce.
- 2022-2023: Adjunct Professor General Psychology SSD M-PSI/01. Facolta' di Medicina e Chirurgia, Corso di Laurea Magistrale Scienze Tecniche Diagnostiche, Universita' degli studi di Bari Aldo Moro.
- 2022: Adjunct Professor Psychobiology and Neuropsychology SSD M-PSI/02. Facolta' di Medicina e Chirurgia, Corso di Laurea Magistrale Scienze Riabilitative, Universita' degli studi di Bari Aldo Moro.
- 2022: Adjunct Professor Course "Afasia Primaria Progressiva: valutazione e trattamento." Master di Afasiologia edizione 2022/2023 NEED Institute e Casa di Cura del Policlinico di Milano.
- 2018- to date: Adjunct Professor Attivita' Didattica Elettiva (ADE) 1 CFU "Metodologia della ricerca in Riabilitazione" Facolta' di Medicina e Chirurgia, Corso di Laurea Magistrale Scienze Riabilitative, Universita' degli studi di Bari Aldo Moro.
- 2021: Lecturer "Inquadramento dei disturbi di Linguaggio nelle malattie neurodegenerative" per il Corso di Alta Formazione in Management Logopedico dei Disturbi Neurocomunicativi dell'Adulto, NEED Institute e Casa di Cura del Policlinico di Milano.
- Da 2017 ad oggi: Adjunct Professor Attivita' Didattica Opzionale (ADO) 1 CFU "Neuroscienze cognitive: orecchio, linguaggio e cervello" Facolta' di Medicina e Chirurgia, Corsi di Laurea in Logopedia, Tecniche Audiometriche e Audioprotesiche, Universita' degli studi di Bari Aldo Moro
- 2019: Visiting Lecturer in Psychology and Neuropsychology - Faculty of Medicine - University of Medicine of Tirana (Albania)
- 2016: Course "Le neuroscienze cognitive" XVIII "Summer Orientation School" - Scuola Universitaria Superiore Sant'Anna, Pisa.

Apr 30, 2024