

Federico Emanuele Pozzi, MD, Neurologo
Fellow of the European Board of Neurology



ISTRUZIONE

2023	Specializzazione in Neurologia <i>Università degli Studi Milano-Bicocca</i> <ul style="list-style-type: none">- Voto: 70 e lode/70- Tesi: "Clinical applicability of pCASL as a substitute for FDG-PET in MCI subjects"
2018	Laurea in Medicina e Chirurgia <i>Università degli Studi di Milano</i> <ul style="list-style-type: none">- Voto: 110 e lode/110
2012	Diploma di pianoforte <i>Conservatorio "A. Vivaldi", Alessandria</i>

POSIZIONI DI RICERCA

2024	Ricercatore <i>BarcelonaBeta Research Center (Spagna)</i> <i>Progetto B-AARC (su biomarker in SCD, con Dr. M. Suarez-Calvet)</i>
2023 – attuale	PhD Student in Neuroscienze <i>Università degli Studi Milano-Bicocca</i> <i>Prevenzione della demenza con interventi multimodali (con Prof. C. Ferrarese)</i> <i>Progetto Age-It, challenge 8: https://ageit.it/vp-3-temi-di-ricerca.html</i>
2022 - 2023	Medico ricercatore <i>Alzheimercentrum Amsterdam (Paesi Bassi)</i> <i>Progetti DEVeLOP (su DLB, con Dr. E. Lemstra) e SCIENCE (su SCD, con Prof. W. van der Flier)</i>
2021 - 2025	Subinvestigator in trial clinici: EMBARK, CLARITY-AD, POST-GRADUATE, TOGETHER, KAR-031, ... <i>Università degli Studi Milano-Bicocca</i>

ESPERIENZE CLINICHE

2025 - attuale	Neurologo <i>IRCCS San Donato, San Donato Milanese</i>
2024 - 2025	Neurologo in Brain Health Service (www.monzabhs.wordpress.com) e CDCD <i>Fondazione IRCCS San Gerardo dei Tintori, Monza</i>
2023 - 2025	Neurologo a gettone <i>Ospedali di Gravedona, Domodossola, Cirié, Novara, Aosta</i>
2019 - 2023	Medico incaricato <i>Continuità Assistenziale, ATS Milano e ATS Insubria</i>
2021 - 2022	Medico vaccinatore <i>Covid vaccination hubs e reparto Covid, ASST Monza</i>
2019	Sostituto di Medico di medicina generale <i>ATS Milano – Canegrate</i>
2019	Medico <i>R.S.A. Fondazione "G. Restelli" Onlus, Rho (MI)</i>
2018	Visiting Doctor in Neurochirurgia <i>Neurokopf-Zentrum Klinikum Rechts der Isar, Munich (Germania)</i>
2016	Clinical Clerkship in Ginecologia <i>Spitalul Clinic Panait Sârbu, Bucharest (Romania)</i>
2014	Volontario medico <i>Nkawie Governmental Hospital, Kumasi (Ghana)</i>

ESPERIENZE COME TUTOR

2021 - 2025	Correlatore in lavori di tesi di studenti di medicina <i>Università degli Studi Milano-Bicocca, Italy</i>
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MANAGEMENT

2024 - 2025	Brain Health Service - Responsabile <i>Fondazione IRCCS San Gerardo dei Tintori, Monza</i>
2021 - 2024	Continuità Assistenziale – Coordinatore sede Pioltello <i>ATS Milano</i>

MANAGEMENT DI STUDI CLINICI

2023 – in corso	CoGniChESs: scrittura protocollo, database management <i>Università degli Studi Milano-Bicocca</i> https://clinicaltrials.gov/study/NCT06281652
2021 – in corso	CAPE study: scrittura protocollo, database management <i>Università degli Studi Milano-Bicocca</i> https://clinicaltrials.gov/study/NCT05756270
2023 – in corso	BPSDiary study: scrittura protocollo, database management <i>Multicentrico, Promosso da Università degli Studi Milano-Bicocca</i> https://clinicaltrials.gov/study/NCT05977855
2023 – in corso	IN-TeMPO: scrittura protocollo, database management <i>Multicentrico, Promosso da Università degli Studi Milano-Bicocca</i> <i>In Age-It Challenge 8 (https://ageit.it/)</i> https://clinicaltrials.gov/study/NCT06248723
2023 – in corso	PEA study: scrittura protocollo, database management <i>Multicentrico, Promosso da Università degli Studi Milano-Bicocca</i> https://clinicaltrials.gov/study/NCT06019975
2021 - 2023	DemeNSS study: scrittura protocollo, database management <i>Università degli Studi Milano-Bicocca</i>

ESPERIENZE DI INSEGNAMENTO

2023 - attuale	Ricerca in Neurologia <i>Corso per specializzandi di Neurologia (anni I-IV), Università di Milano-Bicocca</i>
2012 - 2018	Insegnante di pianoforte <i>Accademia Gustav Mahler, Rho (MI)</i>
2010 - 2012	Docente di storia della musica <i>Liceo Scientifico Vittorio Veneto, Milano</i>

ABILITÀ PERSONALI

Fluente in Italiano, Inglese, Spagnolo, Olandese, Romeno, Francese, Tedesco, Portoghese; livello intermedio in Russo e Catalano
Esperienza con i software Freesurfer, R, creazione di shinyapps (es: <https://brainhealthservice.shinyapps.io/RiskCalculator>)
Creazione di siti web (es: www.monzabhs.wordpress.com)

CORSI

2022	1st Science School <i>European Academy of Neurology</i>
2022	Starting a Grant Proposal school <i>Lake Como School of Advanced Studies</i>
2021	Neurointensive Care Update 2021 <i>Università degli Studi Milano-Bicocca</i>
2020 – 2021	Cost-Conscious Care Project (CoCoCare) <i>European Academy of Neurology</i>

MEMBERSHIPS

Dal 2020	SIN (Società Italiana di Neurologia) SINDEM – BPSD study group SINS (Società Italiana di Neuroscienze) EAN
Dal 2023	ISTAART
2022-2024	EAN Neurogenetics panelist EAN Dementia and Rare Diseases panel member

PUBBLICAZIONI E CONGRESSI

Bibliografia:

H-index: 8 (Google scholar, 31/03/2025)

ORCID: 0000-0003-2982-9165

Pubblicazioni peer-reviewed: 23

Pubblicazioni non peer-reviewed: 5

Ruoli editoriali:

Topic coordinator per *Frontiers in Dementia* special issue: "Characterizing and Measuring Behavioral and Psychological Symptoms of Dementia (BPSD)" - <https://www.frontiersin.org/research-topics/56215/characterizing-and-measuring-behavioral-and-psychological-symptoms-of-dementia-bpsd>

Review Editor per *Frontiers in Dementia*

Associate Editor per *Journal of Alzheimer's Disease*

Pubblicazioni peer-reviewed

1. **Pozzi, F. E.**, Conti, E., Remoli, G., et al. (2025). Core blood biomarkers of Alzheimer's disease: A single-center real-world performance study. *The journal of prevention of Alzheimer's disease*, 12(2), 100027. <https://doi.org/10.1016/j.tjpad.2024.100027>
2. **Pozzi FE**, D'Antonio F, Zuffi M, et al (2024) Italian standardization of the BPSD-SINDEM scale for the assessment of neuropsychiatric symptoms in persons with dementia. *Front. Neurol.* 15:1455787. <https://doi.org/10.3389/fneur.2024.1455787>
3. **F.E. Pozzi**, V. Aprea, G. Giovannelli, et al, (2024). Clinical and neuroimaging characterization of the first frontotemporal dementia family carrying the MAPT p.K298E mutation. *Neurogenetics*, 10.1007/s10048-024-00756-w. Advance online publication. <https://doi.org/10.1007/s10048-024-00756-w>
4. **Pozzi, F.E.**; Remoli, G.; Tremolizzo, L.; Appollonio, I.; Ferrarese, C.; Cuffaro, L (2024). Brain Health and Cognition in Older Adults: Roadmap and Milestones towards the Implementation of Preventive Strategies. *Brain Sci.* . <https://doi.org/10.3390/brainsci14010055>
5. **F.E. Pozzi**, L. Cali, F. D'Antonio, A.I. Altomare, et al (2023), BPSD diary study protocol: a multi-center randomized controlled trial to compare the efficacy of a BPSD diary vs standard care in reducing caregiver's burden. *Frontiers in Dementia*, <https://doi.org/10.3389/frdem.2023.1301280>,
6. **F.E. Pozzi**, L. Cali, C. Ferrarese, I.M. Appollonio, L. Tremolizzo (2023). Assessing behavioral and psychological symptoms of dementia: A comprehensive review of current options and future perspectives. *Frontiers in Dementia*, <https://doi.org/10.3389/frdem.2023.1226060>
7. **F.E. Pozzi**, I. Appollonio, C. Ferrarese, L. Tremolizzo (2023). Can traditional board games prevent cognitive impairment? A systematic review and meta-analysis. *Journal of Alzheimer's Disease*, <https://doi.org/10.3233/JAD-230473>
8. **F.E. Pozzi**, E. Conti, I.M. Appollonio, C. Ferrarese, L. Tremolizzo (2022). Predictors of Response to Acetylcholinesterase Inhibitors in Dementia: a Systematic Review. *Frontiers in Neuroscience – Neuropharmacology*, <https://doi.org/10.3389/fnins.2022.998224>
9. **F.E. Pozzi**, L. Tremolizzo, C. Ferrarese, I. Appollonio (2022). Donepezil-induced complex multimodal hallucinations: two cases and a review of the literature. *Case Reports in Neurology*, <https://doi.org/10.1159/000526159>
10. **F.E. Pozzi**, M. Musarra, D. Licciardo et al (2022). Depressive pseudodementia with reversible AD-like brain hypometabolism: a case report and a review of the literature. *J. Pers. Med.* <https://doi.org/10.3390/jpm12101665>
11. Frisoni, G. B., Ribaldi, F., Allali, G., Bieth, T., Brioschi Guevara, A., Cappa, S., Cipolotti, L., Frederiksen, K. S., Georges, J., Jessen, F., Koch, G., Masters, H., Mendes, A. J., Frölich, L., Garibotto, V., Grau-Rivera, O., **Pozzi, F. E.**, Religa, D., Rostamzadeh, A., Shallcross, L., ... Kivipelto, M. (2025). Brain health services for the secondary prevention of cognitive impairment and dementia: Opportunities, challenges, and the business case for existing and future facilities. *The journal of prevention of Alzheimer's disease*, 100098. Advance online publication. <https://doi.org/10.1016/j.tjpad.2025.100098>
12. Guarnieri, G., **Pozzi, F. E.**, Conte, E., Righetto, M., Bartorelli, A., & Andreini, D. (2025). Extreme endurance training and coronary artery disease: A systematic review and a meta-analysis. *International journal of cardiology*, 429, 133172. Advance online publication. <https://doi.org/10.1016/j.ijcard.2025.133172>
13. Bombaci, A., Lupica, A., **Pozzi, F. E.**, Remoli, G., Manera, U., & Di Stefano, V. (2023). Sensory neuropathy in amyotrophic lateral sclerosis: a systematic review. *Journal of Neurology*, 10.1007/s00415-023-11954-1. Advance online publication. <https://doi.org/10.1007/s00415-023-11954-1>
14. Maida, E., Abbadessa, G., Di Lorenzo, F., Palladino, R., Moccia, M., Iodice, F., Bombaci, A., Balestrino, R., Clerico, M., Miele, G., Artusi, C. A., Ledda, C., Margoni, M., Cartella, S. M., **Pozzi, F. E.**, Nucera, B., Triassi, M., De Stefano, N., Leocani, L., Bonavita, S., ... "Digital Neurology, Artificial Intelligence" Study Group of the Italian Society of Neurology (SIN), in collaboration with the Italian Section of young Neurologists (SigN) (2024). Behind the scenes: exploring neurological journal editors' work habits, decisions, and potential sources of conflict of interest. *Journal of neurology*, 272(1), 20. <https://doi.org/10.1007/s00415-024-12780-9>
15. V. Cerina, C. Crivellaro, S. Morzenti, **F. E. Pozzi**, V. Bigiogera, L. et al, (2023). An ROI-based quantitative pipeline for 18F-FDG PET metabolism and PCASL perfusion joint analysis: Validation of the 18F-FDG PET line. *Heliyon*, <https://doi.org/10.1016/j.heliyon.2023.e23340>
16. L. Tremolizzo, D. Selvatico, **F.E. Pozzi**, et al. (2022). Neurological soft signs are increased in migraine without aura: relationship with the affective status. *Neurological sciences: official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 10.1007/s10072-022-06143-3. Advance online publication. <https://doi.org/10.1007/s10072-022-06143-3>

17. Cartella, S. M., Bombaci, A., Gallo, G., Ledda, C., Pengo, M., Pignolo, A., **Pozzi, F. E.**, Spina, E., Trinichillo, A., Palermo, G., Terranova, C., & on behalf of EduNet SigN (2022). *Essential tremor and cognitive impairment: who, how, and why*. *Neurological sciences: official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 10.1007/s10072-022-06037-4. Advance online publication. <https://doi.org/10.1007/s10072-022-06037-4>
18. D'Antonio, F., Tremolizzo, L., Zuffi, M., Pomati, S., Farina, E., & **Sindem BPSD Study Group** (2022). *Clinical Perception and Treatment Options for Behavioral and Psychological Symptoms of Dementia (BPSD) in Italy*. *Frontiers in psychiatry*, 13, 843088. <https://doi.org/10.3389/fpsyt.2022.843088>
19. Turri, M., Conti, E., Pavanello, C., Gastoldi, F., Palumbo, M., Bernini, F., Aprea, V., Re, F., Barbiroli, A., Emide, D., Galimberti, D., Tremolizzo, L., Zimetti, F., Calabresi, L., & **AGAINST-AD Group** (2023). *Plasma and cerebrospinal fluid cholesterol esterification is hampered in Alzheimer's disease*. *Alzheimer's research & therapy*, 15(1), 95. <https://doi.org/10.1186/s13195-023-01241-6>
20. Conti, E., Grana, D., Angiulli, F., Karantzoulis, A., Villa, C., Combi, R., Appollonio, I., Ferrarese, C., **ImmunAD-Brianza Network**, & Tremolizzo, L. (2023). *TSPO Modulates Oligomeric Amyloid- β -Induced Monocyte Chemotaxis: Relevance for Neuroinflammation in Alzheimer's Disease*. *Journal of Alzheimer's disease : JAD*, 10.3233/JAD-230239. Advance online publication. <https://doi.org/10.3233/JAD-230239>
21. Pezzini A, Grassi M, Silvestrelli G, Locatelli M, Rifino N, Beretta S, Gamba M, Raimondi E, Giussani G, Carimati F, Sangalli D, Corato M, Gerevini S, Masciocchi S, Cortinovis M, La Gioia S, Barbieri F, Mazzoleni V, Pezzini D, Bonacina S, Pilotto A, Benussi A, Magoni M, Premi E, Prella AC, Agostoni EC, Palluzzi F, De Giuli V, Magherini A, Roccatagliata DV, Vinciguerra L, Puglisi V, Fusi L, Xhani R, **Pozzi F**, Diamanti S, Santangelo F, Grampa G, Versino M, Salmaggi A, Marcheselli S, Cavallini A, Giossi A, Censori B, Ferrarese C, Ciccone A, Sessa M, Padovani A; STROKCOVID group. *Impact of SARS-CoV-2 on reperfusion therapies for acute ischemic stroke in Lombardy, Italy: the STROKCOVID network*. *J Neurol*. 2021 Mar 8:1-8. <https://doi.org/10.1007/s00415-021-10497-7>.
22. Pezzini A, Grassi M, Silvestrelli G, Locatelli M, Rifino N, Beretta S, Gamba M, Raimondi E, Giussani G, Carimati F, Sangalli D, Corato M, Gerevini S, Masciocchi S, Cortinovis M, La Gioia S, Barbieri F, Mazzoleni V, Pezzini D, Bonacina S, Pilotto A, Benussi A, Magoni M, Premi E, Prella AC, Agostoni EC, Palluzzi F, De Giuli V, Magherini A, Roccatagliata DV, Vinciguerra L, Puglisi V, Fusi L, Diamanti S, Santangelo F, Xhani R, **Pozzi F**, Grampa G, Versino M, Salmaggi A, Marcheselli S, Cavallini A, Giossi A, Censori B, Ferrarese C, Ciccone A, Sessa M, Padovani A; STROKCOVID group. *SARS-CoV-2 infection and acute ischemic stroke in Lombardy, Italy*. *J Neurol*. 2021 May 24:1-11. <https://doi.org/10.1007/s00415-021-10620-8>. Marcatili M, Boronovo R, Cimminiello N, Cornaggia RD, Casati G, Pelliccioli C, Maggioni L, Motta F, Redaelli C, Ledda L, **Pozzi FE**, et al (2022). *Possible Use of Minocycline in Adjunction to Intranasal Esketamine for the Management of Difficult to Treat Depression following Extensive Pharmacogenomic Testing: Two Case Reports*. *J Pers Med*. Sep 16;12(9):1524. <https://doi.org/10.3390/jpm12091524>.
23. Cassia MA, **Pozzi FE**, Bascapè S, et al. "Proteinuria and Albuminuria at Point of Care." *Nephrology @ Point of Care*. January 2016. <https://doi.org/10.5301/pocj.5000194>

Pubblicazioni non-peer-reviewed

1. **F.E. Pozzi**, I. Appollonio, C. Ferrarese, L. Tremolizzo (2023). *Prevenire l'Alzheimer: è arrivato il momento? Nuovi farmaci ed interventi multidimensionali* <https://www.brainfactor.it/prevenire-lalzheimer-e-arrivato-il-momento-nuovi-farmaci-ed-interventi-multidimensionali/>
2. **F.E. Pozzi**, L. Cuffaro, G. Remoli (2023). *Brain Health: nuovi concetti e proposte per la prevenzione delle demenze – Parte 1* <http://neuromag.it/brain-health-nuovi-concetti-e-proposte-per-la-prevenzione-delle-demenze-parte-1/>
3. **F.E. Pozzi**, L. Cuffaro, G. Remoli (2024). *Brain Health: nuovi concetti e proposte per la prevenzione delle demenze – Parte 2* <http://neuromag.it/brain-health-nuovi-concetti-e-proposte-per-la-prevenzione-delle-demenze-parte-2/>
4. A. Carpegna, C. De Luca, **F.E. Pozzi** et al. (2024), "Neuromorphic Heart Rate Monitors: Neural State Machines for Monotonic Change Detection," 2024 IEEE Biomedical Circuits and Systems Conference (BioCAS), Xi'an, China, 2024, pp. 1-5, doi: <https://doi.org/10.1109/BioCAS61083.2024.10798178>.
5. G. Guarneri, **F. E. Pozzi** et al. (2024), "Extreme Endurance Training and Coronary Artery Disease: A Systematic Review and a Meta-Analysis", SSRN, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5055928

Comunicazioni orali

- | | |
|------------------------|---|
| SIN Congress 2022: | "Basal ganglia hypermetabolism as a possible FDG-PET signature of autoimmune encephalitis" F.E. Pozzi , L.M. Jonghi-Lavarini, V. Cerina, S. Morzenti, et al. |
| EAN Congress 2022: | Oral presentation: "Science for Future: All Starts with Basic Research", F.E. Pozzi |
| NeuroMI Congress 2023: | "Clinical applicability of pCASL as a substitute for FDG-PET in the etiological diagnosis of MCI and SCD: CAPE study protocol", F.E. Pozzi , V. Cerina, D. Licciardo, et al. |
| SIN Congress 2024: | "Real-world single-center performance of core blood biomarkers of Alzheimer's disease", F.E. Pozzi , E. Conti, C. Zoia, S. Andreoni, et al. |
| ADPD Congress 2025: | "Real-world single-center performance of core blood biomarkers of Alzheimer's disease", F.E. Pozzi , E. Conti, C. Zoia, S. Andreoni, et al. |

Poster

- 51° Congress of SIN: "An incomplete Gerstmann syndrome following a non-dominant parietal stroke: is this an end to the saga?" **F. E. Pozzi**, R. Clerici, S. Brajkovic, L. Beretta, M. Guidotti
- EAN Congress 2021: 1. "A fatal treatment: a case of Lambert-Eaton myasthenic syndrome as an immune-related adverse event after Pembrolizumab" **F.E. Pozzi**, M. Viganò, B. Storti, et al.
2. "A case of probable SARS-CoV-2-related post-infectious autoimmune encephalitis with a rise in serum antibodies title" **F. E. Pozzi**, V. Aprea, F. Santangelo, I. Appollonio, C. Ferrarese
3. "Neuromodulation versus standard care for migraine prophylaxis" **F.E. Pozzi**, N. Vashchenko
- WCN Congress 2021: 1. "Neurological Soft Signs in neurodegenerative dementias: a pilot study" **F.E. Pozzi**, L. Tremolizzo, G. Fiamingo, I. Appollonio, C. Ferrarese
2. "Progression in cognitively impaired patients with atrial fibrillation: an observational study" B. Storti, F. Brovelli, **F.E. Pozzi**, A. Zuffi, M. Piatti, I. Appollonio, L. Tremolizzo, C. Ferrarese
- EAN Congress 2022: "A case of depressive pseudodementia with reversible severe brain hypometabolism mimicking Alzheimer's disease" **F. E. Pozzi**, C. Crivellaro, M. Musarra, D. Licciardo, G. Basso, I. Appollonio, C. Ferrarese
- AINR Congress 2022: Oral communication: "Correlation between PET-FDG and pCASL in patients with mild cognitive impairment" V. Bigioger, **F. E. Pozzi**, L. Jonghi, V. Cerina, E. De Bernardi, C. Crivellaro, S. Morzenti, I. Appollonio, C. Ferrarese, G. Basso
- SINDEM Congress 2022: "Donepezil-induced complex multimodal hallucinations: two cases with an established causal relationship" **F. E. Pozzi**, L. Tremolizzo, C. Ferrarese, I. Appollonio
- EANM Congress 2022: "FDG-PET/CT in autoimmune encephalitis: diagnostic confidence of the metabolic signature" L. Jonghi-Lavarini, **F.E. Pozzi**, V. Cerina, S. Beretta, et al.
- AINR Congress 2023: "Validation of brain 18 FDG-PET and pCASL joint analysis tool: a ROI-based approach." V. Cerina, E. De Bernardi, V. Bigioger, L. Jonghi Lavarini, **F. E. Pozzi**, C. Crivellaro, et al.
- SINDEM4Juniors 2023: "Neurological Soft Signs in Dementias", **F. E. Pozzi**, A. Falco, G. Gotti, et al.
- EAN Congress 2023: "Neurological Soft Signs usefulness in neurodegenerative dementias", **F. E. Pozzi**, A. Falco, G. Gotti, C. Ferrarese, I. Appollonio, L. Tremolizzo
- AAIC Congress 2023: "Longitudinal biomarkers in Dementia with Lewy bodies: A systematic review and a meta-analysis", **F.E. Pozzi**, J.L. van Alphen, W.M. van der Flier, E.A. Lemstra
- WCN Congress 2023: "Can traditional board games prevent dementia? A systematic review and meta-analysis" **F.E. Pozzi**, I. Appollonio, C. Ferrarese, L. Tremolizzo
- SINDEM Congress 2023: "Development and Italian standardization of the BPSD-SINDEM scale to assess BPSD extent and caregiver coping" **F.E. Pozzi**, F. D'Antonio, M. Panigutti, et al.

Altre pubblicazioni

- SIN Podcast Neuropod: "Encefaliti autoimmuni: una diagnosi spinosa" - <https://neuropod.it/episodi-2023/>

REVIEWER

EAN Congress 2022-2024: Abstracts reviewer
Reviewer per PLoS One, Karger, Frontiers, JAD, e Sage Journals

INTERESSI DI RICERCA

Demenze neurodegenerative: diagnosi, prevenzione, trattamento
Brain Health
Behavioral and psychological symptoms of dementia (BPSD)
Angiopatia amiloide cerebrale
Encefalite autoimmune
Sclerosi laterale amiotrofica

04 Febbraio 2023

