



Europass Curriculum Vitae



Personal information

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Nationality Italian

Date of birth November 6th 1988

Gender M

Occupation **Research fellow at the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DINO GMI), University of Genoa, Genoa, Italy - disciplinary scientific area MED/26 – Neurology**

**Consultant Neurologist
IRCCS Policlinico San Martino, Genoa (Italy)**

Resume I am a specialist in Neurology, graduated with honors, and earned a Ph.D. in Clinical and Experimental Neuroscience in May 2023. I have obtained the National Scientific Qualification as Associate Professor in the Italian education system for the disciplinary field Neurology. Currently, I serve as a Research Fellow at the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal and Child Sciences (DINOEMI) of the University of Genoa and as a Consultant Neurologist at the IRCCS Policlinico San Martino (Genoa, Italy). Since the early years of my training, I have been deeply engaged in the management of patients with neurodegenerative diseases, particularly dementia, movement disorders, and rare neuroinflammatory conditions, including autoimmune encephalitis. My research spans over 90 publications in international peer-reviewed journals and several monographs in book chapters, with more than 10 as the first author. I have developed specific expertise in molecular imaging and fluid biomarkers for diagnostic and prognostic purposes, contributing to key Italian research groups and international consortia advancing these fields. With a strong commitment to European healthcare and research collaboration, I actively contribute to the European Academy of Neurology (EAN) panels on cognitive and motor disorders, as well as high cortical functions. I hold the Certificate of Fellowship of the European Board of Neurology (FEBN) and currently serve as the Guideline Representative for the Dementia and Cognitive Disorders Panel of the EAN, playing a pivotal role in shaping and implementing clinical guidelines in this domain. I am an organized, proactive professional with a strong ability to work in multidisciplinary teams while fostering empathetic, clear, and responsible communication with patients. My skill set includes designing and executing research projects, conducting comprehensive data analyses, and critically evaluating findings. Passionate and dedicated, I efficiently manage multiple tasks while ensuring high-quality outcomes and effectively presenting experimental data to diverse audiences.

Education and training

Dates	14 th March 2025
Title of qualification awarded	National Scientific qualification as associate professor in the Italian higher education system, in the call 2023/2025 (Ministerial Decree n. 1796/2023) for the disciplinary field of 06/D6 - Neurology.
Name and type of organisation providing certification	Italian Ministry of University and Research (MUR)
Dates	May 2023
Title of qualification awarded	PhD in Clinical and Experimental Neuroscience (XXXV cycle)
Thesis title	Harmonization and validation of liquid and imaging biomarkers in neurodegenerative diseases and autoimmune encephalitis (supervisors Prof. F. Nobili, Prof. M. Pardini; external reviewers Prof. GB. Frisoni, Prof. M. Otto)
Name and type of organisation providing education and training	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa
Dates	Dec 10 th 2019
Title of qualification awarded	Specialist degree in Neurology (points 50/50 cum laude)
Thesis title	Reciprocal incremental value of 18F-FDG-PET and CSF biomarkers in MCI patients suspected for Alzheimer's disease and inconclusive first biomarker (supervisor Prof. F. Nobili)
Name and type of organisation providing education and training	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa
Dates	Jul 29 th 2013
Title of qualification awarded	Master's degree in medicine and surgery (points 110/110 cum laude)
Thesis title	Hippocampus, temporal associative fibers and memory in Multiple Sclerosis (supervisor: Prof. G. Mancardi)
Name and type of organisation providing education and training	University of Genoa

Certifications

Dates	Mar 14 th 2025 – Mar 14 th 20237
	National Scientific qualification as associate professor in the Italian higher education system, in the call 2023/2025 (Ministerial Decree n. 1796/2023) for the disciplinary field of 06/D6 - Neurology (Academic Recruitment Field 06/D - Medical specialities, according to the national classification).
Dates	June 2025
	EAN Certificate: Certified Advocate for Neurology and Brain Health
Dates	June 2021
	Certificate of Fellowship of the European Board of Neurology (FEBN) (13 th UEMS-European Board of Neurology-European academy of Neurology (UEMS-EBN-EAN) examination, 13 ^o ed., June 2021)

Clinical experience

Dates	Dec 11 th , 2019 – Ongoing
Occupation	Neurologist
Main activities and responsibilities	Clinical activity at the Center for Cognitive Disorders and Dementia, with diagnosis and clinical management of patients with cognitive disorders and parkinsonisms, and the Neuroimmunology Outpatient Clinic, with diagnosis and clinical management of patients with autoimmune encephalitis. Consultant neurologist in the inpatient Neurology and Stroke units.
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy
Dates	Dec 10 th , 2014 – Dec 10 th , 2019
Occupation	Training Neurologist
Main activities and responsibilities	Residency program in Neurology with in particular clinical activity at the Center for Cognitive Disorders and Dementia, with diagnosis and clinical management of patients with cognitive disorders and Parkinsonisms, the Neuroimmunology Outpatient Clinic, with diagnosis and clinical management of patients with autoimmune encephalitis, and Neurology inpatient and stroke unit
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy

Research experience

Dates	July 2024 – ongoing
Occupation	Researcher, member of the Steering committee
Research project	European Inter-Societal Consensus diagnostic workflow: revised-version integrating blood-based and other innovative biomarkers
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa
Dates	Oct 1 st , 2023– ongoing
Occupation	Principal investigator
Research project	Integrating biomarkers for Mild Behavioral Impairment: a multifaceted analysis of neurodegenerative, psychiatric, and neurosurgical etiologies
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa
Funding/Grant	40,000 Euros

Dates March 1st, 2023– ongoing
 Occupation Researcher
 Research project MNESYS (PE0000006) – A Multiscale integrated approach to the study of the nervous system in health and disease (DN. 1553 11.10.2022)
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates March 1st, 2023– ongoing
 Occupation Researcher
 Research project Artificial intelligence of imaging and clinical neurological data for predictive, preventive and personalized (P3) medicine (NeuroArtP3) for Alzheimer's Disease - NET-2018-12366666-2-AD
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates Nov 1st, 2022 – Feb 28th, 2023
 Occupation Fellowship for collaboration on research activities
 Research project Evaluation of the diagnostic and prognostic role of fluid and imaging biomarkers in neurodegenerative diseases and autoimmune encephalitis
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa.

Dates Sep 1st, 2022– ongoing
 Occupation Researcher
 Research project Validation of the Italian consensus recommendations for the biomarker-based etiological diagnosis of neurocognitive disorders (ValiCo)
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates Nov 1st, 2023– ongoing
 Occupation Researcher
 Research project Validation of the European consensus for the biomarker-based diagnosis of neurocognitive disorders: an investigator-initiated sponsored study (EURO-ValiCo)
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates Sep 1st, 2020 – February 2024
 Occupation Researcher, member of the Executive Board
 Research project Recommendations for the Biomarker-Based Diagnosis of Dementia: a European Inter-Societal Delphi Consensus
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates Nov 1st, 2020 – ongoing
 Occupation Researcher - referent of the Policlinico San Martino IRCCS for the IVN Dementias, IVN Parkinson's and IVN Motor neuron disease Biochemistry task
 Research project Virtual National Institutes (IVN) of Dementias, Parkinson's disease, motor neuron disease and multiple sclerosis of the IRCCS Network of Neurohealth and Neurorehabilitation
 Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy

Dates January 1st, 2015 – ongoing

Occupation Sub-investigator (SI) in clinical trials or observation studies

Research projects

- A Single Arm, Open-label, Multicenter Study Evaluating the Long-term Safety and Tolerability of 0.5 mg Fingolimod (FTY720) Administered Orally Once Daily in Patients With Relapsing Forms of Multiple Sclerosis
- CBAF312A2304: Multicenter, randomized, double-blind, parallel-group, placebo-controlled variable treatment duration study evaluating the efficacy and safety of Siponimod (BAF312) in patients with secondary progressive multiple sclerosis followed by extended treatment with open-label BAF312.
- A Multinational, Multicenter, Randomized, Double Blind, Parallel Group, Placebo Controlled Study to Evaluate the Efficacy, Safety, and Tolerability of Once Daily Oral Administration of Laquinimod (0.6 or 1.5 mg) in Patients with Primary Progressive Multiple Sclerosis (PPMS).
- A Phase III, multicenter, randomized, parallel-group, double blinded, placebo-controlled study to evaluate the efficacy and safety of ocrelizumab in adults with Primary Progressive Multiple Sclerosis (ORATORIO)
- A Randomized, Placebo Controlled, Parallel-Group, Double Blind Efficacy and Safety Trial of MK-8931 with a Long-Term Double-Blind Extension in Subjects with Mild to Moderate Alzheimer's Disease. (Protocol No. MK-8931-017-13) (also known as SCH 900931, P07738)
- A Phase 3 Multicenter, Randomized, Double-Blind, Placebo- Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Aducanumab (BIIB037) in Subjects with Early Alzheimer's Disease.
- Strategic project promoted by the Italian Medicines Agency (AIFA), INTERCEPTOR project, on early diagnosis of the prodromal stage of Alzheimer disease. the progression from mild cognitive impairment (MCI) to dementia: the role of biomarkers in early interception of patients candidate for prescription of future disease-modifying drugs

Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy

Laboratory experience

Dates Dec 1st 2019 - ongoing

Occupation Researcher

Main activity Analysis and test reporting of CSF biomarkers of neurodegenerative disorders with automatic CLEIA method (150 patients/year)

Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy

Dates Jan 13st 2021 – Jul 30th 2021

Occupation Research fellow

Main activity Fellowship at the experimental laboratory of the German Center for Neurodegenerative disease (DZNE, Universitätsklinikum, Ulm, Germany; Prof. Otto M) focused on the CSF analysis and synaptic biomarkers of neurodegenerative disorders.

Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa

Dates Jan 1st 2017 – Nov 30th 2019

Occupation Researcher

Main activity Analysis and test reporting of CSF biomarkers of neurodegenerative disorders with enzyme-linked immunosorbent assay (ELISA) from (60 patients/year)

Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa; IRCCS Policlinico San Martino Hospital, Genoa, Italy

Dates July 2017

Occupation Research fellow

Main activity Fellowship at the Experimental neurology laboratory (University of Perugia, 'Santa Maria della Misericordia' Hospital, Perugia, Italy; Prof. Parnetti L) focused on the CSF analysis and diagnosis of neurodegenerative disorders

Consortia or study groups

Dates	Feb 2025 – ongoing
Occupation	Scientific Committee
Study group	SINDEM 4 Juniors SIN-DEM Associazione Autonoma Aderente alla SIN per le demenze
Dates	Feb 2023 – ongoing
Occupation	Directive board
Study group	Triregional study group SINDEM Piemonte-Liguria-Valle d'Aosta SIN-DEM Associazione Autonoma Aderente alla SIN per le demenze
Dates	June, 2023 – ongoing
Occupation	Panel Member - Resident and Research Fellow Section <u>Guideline representative for the Dementia and cognitive disorders panel</u> (May 2024 – ongoing)
Scientific panels	European Academy of Neurology – Dementia and cognitive disorders – with specific activities: - Panel e-learning material revision and updating (March 2024) European Academy of Neurology – Movement disorders and cognitive disorders European Academy of Neurology – Higher cortical functions
Dates	Jan, 2024 – ongoing
Occupation	Member
Consortium	European Dementia with Lewy bodies (E-DLB) consortium
Dates	Sep, 2022 – ongoing
Occupation	Member
Consortium	European Alzheimer's disease consortium (EADC)
Dates	June, 2024 – ongoing
Occupation	Member of the Steering Committee
Study group	Associazione Italiana Medicina Nucleare (AIMN) - Gruppo di Studio NEUROLOGIA

Academic experience

Dates	Sep 2023 – ongoing
Occupation	Lecturer
Course (academic year)	Bachelor's degree in physiotherapy (University of Genoa) - Adult Neuropsychology Academic year 2023/2024 (20 hours), year 2024/2025 (20 hours)
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa.
Dates	Sep 2022
Occupation	Lecturer
Course (academic year)	Summer School of the Neuroscience Doctoral Program, University of Genoa: New diagnostic and therapeutic perspectives in Lewy body diseases, from prodromal to full-blown stages (3 hours). Academic year 2021/2022, Session II, September 2022
Name and address of employer	Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health (DINOEMI), University of Genoa.

Dates June 2021
Occupation Lecturer
Course (academic year) Second-level Master's program in "Cognitive Disorders and Dementias" at the University of Genoa, :
Liquor and plasma biomarkers in dementias (4 hours).
Academic year 2020/2021
Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health
(DINOEMI), University of Genoa.

Dates Sep 2023 – ongoing
Occupation Co-supervisor of Specialization Degree Theses
Course (academic year) Bachelor's degree in medicine and surgery at the University of Genoa
Supervisors
Prof. F. Nobili: academic year 2016/17 (n=1), 2018-19 (n=1), 2020-21 (n=2), 2021-22 (n=1),
Prof. M. Pardini: 2022-23 (n=1), 2024-25 (m=1)
Prof. A Schenone (2023-24) (n=1)
Name and address of employer Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal and Child Health
(DINOEMI), University of Genoa.

Peer-reviewed publications

1. Nobili F, Westman E, Kogan RV, Pereira JB, **Massa F**, Grazzini M, Meles SK, Leenders KL. Clinical utility and research frontiers of neuroimaging in movement disorders. *Q J Nucl Med Mol Imaging*. 2017 Dec;61(4):372-385 (IF=2.368)
2. Arnaldi D, De Carli F, Famà F, Brugnolo A, Girtler N, Picco A, Pardini M, Accardo J, Proietti L, **Massa F**, Bauckneht M, Morbelli S, Sambuceti G, Nobili F. Prediction of cognitive worsening in de novo Parkinson's disease: Clinical use of biomarkers. *Mov Disord*. 2017 Dec;32(12):1738-1747 (IF=7.072)
3. Origone P, Gotta F, Lamp M, Trevisan L, Geroldi A, Massucco D, Grazzini M, **Massa F**, Ticconi F, Bauckneht M, Marchese R, Abbruzzese G, Bellone E, Mandich P. Spinocerebellar ataxia 17: full phenotype in a 41 CAG/CAA repeats carrier. *Cerebellum Ataxias*. 2018 Mar 14;5:7 (IS=1.89)
4. Bauckneht M, Chincari A, Piva R, Arnaldi D, Girtler N, **Massa F**, Pardini M, Grazzini M, Efeurk H, Pagani M, Sambuceti G, Nobili F, Morbelli S. Metabolic correlates of reserve and resilience in MCI due to Alzheimer's Disease (AD). *Alzheimers Res Ther*. 2018 Apr 3;10(1):35 (IF=5.015)
5. Girtler N, Grazzini M, **Massa F**, Meli R, Arnaldi D. Getting the high school diploma with only one hemisphere: a case report. *Neurol Sci*. 2018 Dec;39(12):2203-2206 (IF=2.285)
6. De Carli F, Nobili F, Pagani M, Bauckneht M, **Massa F**, Grazzini M, Jonsson C, Peira E, Morbelli S, Arnaldi D; Alzheimer's Disease Neuroimaging Initiative. Accuracy and generalization capability of an automatic method for the detection of typical brain hypometabolism in prodromal Alzheimer disease. *Eur J Nucl Med Mol Imaging*. 2019 Feb;46(2):334-347 (IF=7.704)
7. Benedetti L, Briani C, Beronio A, **Massa F**, Giorli E, Sani C, Delia P, Artioli S, Sormani MP, Mannironi A, Tartaglione A, Mancardi GL. Increased incidence of axonal Guillain-Barré syndrome in La Spezia area of Italy: A 13-year follow-up study. *J Peripher Nerv Syst*. 2018 Nov 13 (IF=2.55)
8. **Massa F**, Franciotta D, Gastaldi M, Mancardi GL, Benedetti L. N-methyl-d-aspartate receptor antibody-related pathologies and pre-existent mental state disorders. *Schizophr Res* 2018 Dec;202:406-407 (IF=3.958)
9. **Massa F**, Arnaldi D, De Cesari F, Girtler N, Brugnolo A, Grazzini M, Bauckneht M, Meli R, Morbelli S, Pardini M, Sambuceti G, De Carli F, Tiraboschi P, Nobili F. Neuroimaging findings and clinical trajectories of Lewy body disease in patients with MCI. *Neurobiol Aging*. 2018 Dec 13;76:9-17 (IF=4.347)
10. Brugnolo A, De Carli F, Pagani M, Morbelli S, Jonsson C, Chincari A, Frisoni GB, Galluzzi S, Perneczky R, Drzezga A, van Berckel BNM, Ossenkoppele R, Didic M, Guedj E, Arnaldi D, **Massa F**, Grazzini M, Pardini M, Mecocci P, Dottorini ME, Bauckneht M, Sambuceti G, Nobili F. Head-to-Head Comparison among Semi-Quantification Tools of Brain FDG-PET to Aid the Diagnosis of Prodromal Alzheimer's Disease. *J Alzheimers Dis*. 2019;68(1):383-394 (IF=3.909)

11. Lapucci C, Boffa G, **Massa F**, Franciotta D, Castelletti L, Uccelli A, Morbelli S, Nobili F, Benedetti L, Roccatagliata L. Could Arterial Spin Labeling perfusion imaging uncover the invisible in NMDAR encephalitis? *Eur J Neurology*. 2019 Oct;26(10):e86-e87 (IF 4.387)
12. **Massa F**, Meli R, Morbelli S, Nobili F, Pardini M. Editorial Commentary - Serum NfL rate of change in Alzheimer's disease: potentials applications and notes of caution. *Ann Transl Med*. 2019;7(Suppl 3):S133 (IF 3.689)
13. Benedetti L, Garnero M, Demichelis C, Grandis M, Briani C, Beltramini S, Bellucci M, Prada V, **Massa F**, Gastaldi M, Schenone A, Franciotta D. Outcomes after single-cycle rituximab monotherapy in patients with anti-MAG polyneuropathy: A bi-center experience with an average follow-up of 11 years. *J Neuroimmunol*. 2019 Oct 15;337:577081 (IF 2.832)
14. Prada V, **Massa F**, Salerno A, Fregosi D, Beronio A, Serrati C, Mannironi A, Mancardi G, Schenone A, Benedetti L. Importance of intensive and prolonged rehabilitative treatment on the Guillain-Barré syndrome long-term outcome: a retrospective study. *Neurol Sci*. 2020 Feb;41(2):321-327 (IF 2.484)
15. **Massa F**, Farotti L, Eusebi P, Capello E, Dottorini ME, Tranfaglia C, Bauckneht M, Morbelli S, Nobili F, Parnetti L. Reciprocal incremental value of 18F-FDG-PET and cerebrospinal fluid biomarkers in Mild Cognitive Impairment patients suspected for Alzheimer's disease and inconclusive first biomarker. *J Alzheimers Dis*. 2019;72(4):1193–1207 (IF 3.909)
16. Gastaldi M, Mariotto S, Giannoccaro MP, Iorio R, Zoccarato M, Nosadini M, Benedetti L, Casagrande S, Di Filippo M, Valeriani M, Ricci S, Bova S, Arbasino C, Mauri M, Versino M, Vigeveno F, Papetti L, Romoli M, Lapucci C, **Massa F**, Sartori S, Zuliani L, Barilaro A, De Gaspari P, Spagni G, Evoli A, Liguori R, Ferrari S, Marchioni E, Giometto B, Massacesi L, Franciotta D. Subgroup comparison according to clinical phenotype and serostatus in autoimmune encephalitis: a multicenter retrospective study. *Eur J Neurol*. 2020; 27:633-643 (IF 4.387)
17. Orso B, Mattei C, Arnaldi D, **Massa F**, Serafini G, Plantone D, Doglione E, Grafman J, Nobili F, Pardini M. Clinical and MRI predictors of conversion from Mild Behavioural Impairment to dementia. *Am J Geriatr Psychiatry*. 2020;28:755–76 (IF 3.488)
18. Arnaldi D, Donniaquo A, Mattioli P, **Massa F**, Grazzini M, Meli R, Filippi L, Grisanti S, Famà F, Terzaghi M, Girtler N, Brugnolo A, Doglione E, Pardini M, Villani F, Nobili F. Epilepsy in Neurodegenerative Dementias: A Clinical, Epidemiological, and EEG Study. *J Alzheimers Dis*. 2020;74(3):865-874 (IF 3.909)
19. Arnaldi D, Chincarini A, De Carli F, Famà F, Girtler N, Brugnolo A, Pardini M, **Massa F**, Meli R, Schenone C, Bauckneht M, Morbelli S, Nobili F. The fate of patients with REM sleep behavior disorder and Mild Cognitive Impairment. *Sleep Medicine*, 2021;79:205-210 (IF 3.456)
20. **Massa F**, Zuppa A, Pesce G, Demichelis C, Bergamaschi M, Garnero M, Briani C, Ferrari S, Schenone A, Benedetti L. Bendamustine–rituximab (BR) combined therapy for treatment of immuno-mediated neuropathies associated with hematologic malignancy. *J Neurol Sci*. 2020 Jun 15;413:116777 (IF 2.65)
21. Rosa G, Giannotti C, Martella L, **Massa F**, Serafini G, Pardini M, Nobili F, Monacelli F & Disease Management Team on Dementia of the IRCCS Ospedale Policlinico San Martino (Genoa, I). Brain Aging, Cardiovascular Diseases, Mixed Dementia, and Frailty in the Oldest Old: From Brain Phenotype to Clinical Expression. *J Alzheimers Dis*. 2020;75(4):1083-1103 (IF 3.909)
22. **Massa F**, Meli R, Grazzini M, Famà F, De Carli F, Filippi L, Arnaldi A, Pardini M, Morbelli S, Nobili F. Utility of quantitative EEG in early Lewy body disease, *Park Rel Dis*. 2020;75:70-75 (IF 3.926)
23. Orso B, Arnaldi D, Famà F, Girtler N, Brugnolo A, Doglione E, Filippi L, **Massa F**, Peira E, Bauckneht M, Morbelli S, Nobili F, Pardini M. Anatomical and neurochemical bases of theory of mind in de novo Parkinson's Disease, *Cortex*, 2020 Sep;130:401-412 (IF 4.009)
24. **Massa F**, Grisanti S, Brugnolo A, Doglione E, Orso B, Morbelli S, Bauckneht M, Origone P, Filippi L, Arnaldi D, De Carli F, Pardini M, Pagani M, Nobili F, Girtler N. The role of anterior prefrontal cortex in prospective memory: an exploratory FDG-PET study in early Alzheimer's disease. *Neurobiol Aging*, 2020; 96: 117-127 (IF 4.347)
25. Morbelli S, Arnaldi D, Cella E, Raffa S, Donegani MI, Capitanio S, **Massa F**, Miceli A, Filippi L, Chincarini A, Nobili F. Striatal dopamine transporter SPECT quantification: head-to-head comparison between two three-dimensional automatic tools. *EJNMMI Res*. 2020 Nov 7;10(1):137 (IF 2.64)

26. Arnaldi D, Famà F, Girtler N, Brugnolo A, Pardini M, Mattioli P, Meli R, **Massa F**, Orso B, Sormani MP, Donegani MI, Bauckneht M, Morbelli S, Nobili F. REMeDio: a proof-of-concept neuroprotection study for prodromal synucleinopathies. *Eur J Neurol*. 2021 Apr;28(4):1210-1217 (IF 4.516)
27. Brugnolo A, Girtler N, Doglione E, Orso B, **Massa F**, Donegani MI, Bauckneht M, Morbelli S, Arnaldi D, Nobili F, Pardini M. Brain Resources: How Semantic Cueing Works in Mild Cognitive Impairment due to Alzheimer's Disease (MCI-AD). *Diagnostics*. 2021; 11(1):108 (IF 3.110)
28. Mattioli P, Pardini M, Famà F, Girtler N, Brugnolo A, Orso B, Meli R, Filippi L, Grisanti S, **Massa F**, Bauckneht M, Miceli A, Terzaghi M, Morbelli S, Nobili F, Arnaldi D. Cuneus/precuneus as a central hub for brain functional connectivity of mild cognitive impairment in idiopathic REM sleep behavior patients. *Eur J Nucl Med Mol Imaging*. 2021 Aug;48(9):2834-2845. doi: 10.1007/s00259-021-05205-6 (IF 7.08).
29. **Massa F**, Filippi L, Benedetti L, Morbelli S, Nobili F. FDG PET Unveils the Course of Paraneoplastic Cerebellar Degeneration: A Semiquantitative Analysis. *Clin Nucl Med*. 2021 Jun 1;46(6):e327-e328. (IF 6.622)
30. Donegani MI, Miceli A, Pardini M, Bauckneht M, Chiola S, Pennone M, Marini C, **Massa F**, Raffa S, Ferrarazzo G, Arnaldi D, Sambucetti G, Nobili F, Morbelli S. Brain Metabolic Correlates of Persistent Olfactory Dysfunction after SARS-Cov2 Infection. *Biomedicines*. 2021 Mar 12;9(3):287 (IF 4.717)
31. Orso B, Arnaldi D, Girtler N, Brugnolo A, Doglione E, Mattioli P, Biassoni E, Fancellu R, **Massa F**, Bauckneht M, Chiola S, Morbelli S, Nobili F, Pardini M. Dopaminergic and Serotonergic Degeneration and Cortical [18F]Fluorodeoxyglucose Positron Emission Tomography in De Novo Parkinson's Disease. *Mov Disord*. 2021 May 22; 36: 2293-2302 (IF 8.679)
32. Grisanti SG, Franciotta D, Garnero M, Zuppa A, **Massa F**, Mobilia EM, Pesce G, Schenone A, Benedetti L. A case series of parainfectious Guillain-Barré syndrome linked to influenza A (H1N1) virus infection. *J Neuroimmunology*. 2021 Aug 15;357:577605 (IF 3.125)
33. Demichelis C, Grisanti S, **Massa F**, Serrati C, Beronio A, Mannironi A, Mobilia E, Briani C, Schenone A, Benedetti L. Abnormal sweating and "skin flushing" as possible predictive factor for treatment related fluctuations in Guillain-Barré syndrome: a case series and a review of the literature. *J Neurol Sci*. 2021 Sep 15;428:117589 (IF 3.181)
34. Gómez de San José N, **Massa F**, Halbgebauer S, Oeckl P, Steinacker P, Otto M. Neuronal pentraxins as biomarkers of synaptic activity: from physiological functions to pathological changes in neurodegeneration. *J. Neural Transm*. 2021(IF=4.348)
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Book chapters

1. Van Veen R, Talavera Martinez L, Kogan RV, Meles SK, Mudali D, Roerdink JBTM, **Massa F**, Grazzini M, Obeso JA, Rodríguez-Oroz MC, Leenders KL, Renken RJ, de Vries JJG, Biehl M. Machine Learning Based Analysis of FDG-PET Image Data for the Diagnosis of Neurodegenerative Diseases. *Frontiers in Artificial Intelligence and Applications*. Volume 310: Applications of Intelligent Systems, 280 – 289. doi: 10.3233/978-1-61499-929-4-280.
2. Capitanio S, Bauckneht M, Arnaldi D, **Massa F**, Meli R, Ceriani V, Nobili F, Morbelli S. 18F-FDG-PET/CT (FDG-PET) in Neurodegenerative Disease. In: Fraioli F. (eds) PET/CT in Brain Disorders. *Clinicians' Guides to Radionuclide Hybrid Imaging* (2019). Springer, Cham
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4. **Massa F**, Bauckneht M, Capitanio S, Grazzini M, Meli R, Filippi L, Ceriani S, Grisanti S, Morbelli S, Nobili F. Capitolo 3 – L'imaging molecolare nella diagnosi delle malattie neurodegenerative del sistema nervoso. In: Gallostei (cur.) Demenze. Consigli Clinici. (p. 59-96). Neuroscience 2000. CLEUP, 2021.

5. **Massa F**, Arnaldi D, Balma M, Bauckneht M, Chincarini A, Ferraro PM, Grazzini M, Lapucci C, Meli R, Morbelli S, Pardini M, Peira E, Raffa S, Roccatagliata L, Nobili F. Chapter 5 - Sex differences in neuroimaging biomarkers in healthy subjects and dementia. In: Ferretti MT, Schumacher Dimech A, Santucci Chadha A. Sex and Gender Differences in Alzheimer's Disease - 1st Edition (p.125-162). Academic Press, 2021.
6. **Massa F**, Morbelli S. Case 4: Parkinson's Disease with Onset as Mild Cognitive Impairment (MCI). In: Varrone A, Morbelli S, Garibotto V. Clinical nuclear medicine in neurology: an atlas of challenging cases -1st Edition (pp. 19-24). Springer Cham 2022

Editorial activity Associate Editor – Journal of Alzheimer's Disease (Jan 1st 2020 –Dec 31st 2020; Jan 1st 2023-Dec 31st 2024) (IF 4.00)
Co-Topic Editor – Frontiers in Neurology (Mar 2022 – Sep 2023) (IF 3.552)

Refereeing Activity

Indexed Journals Scientific Reports (Jan 2019) (IF 4.011)
Brain Imaging and Behavior (Jun 2019) (IF 3.418)
Frontiers in Neuroscience (Oct 2019) (IF 3.566)
Journal of Alzheimer's Disease (Mar 2020, May 2020, Jul 2020, Mar 2021, Jun 2021, Dec 2023) (IF 3.517)
Parkinsonism & Related Disorders (Sep 2020, Dec 2022) (IF 4.402)
European Journal of Nuclear Medicine and Molecular Imaging (Dec 2020, Oct 2022) (IF 9.11)
European Journal of Neurology (Jan 2022, Aug 2022) (IF 6.288)
Journal of Neurological the Sciences (Nov 2021, Mar 2022, Feb 2024, Mar 2024) (IF 3.08)
NeuroImage: Clinical (Mar 2022) (IF 4.881)
Journal of Integrative Neuroscience (Apr 2022) (IF 2.117)
Neurobiology of Aging (Oct 2022) (IF 5.133)
Alzheimer's Research and Therapy (Dec 2024) (IF 9.000)
Journal of Neurology, Neurosurgery, and Psychiatry (Mar 2025) (IF 8.8)

Congress abstracts Alzheimer's Association International Conference(AAIC)® 2024, July 28-Aug1 2024, Philadelphia, US

Invited speaker activity "L'esame del liquor". Il cervello che cambia 7. Genoa, November 11th, 2017.
"L'esame liquorale nelle malattie neurodegenerative". Congresso riunito SIGG-AIP. Le nuove frontiere nella cura della demenza: diagnosi precoce, cure palliative, biotestamento e fine vita. Rapallo (Genoa), May 18th-19th, 2018.
"Neuroimmunologia Clinica: casi clinici con sessione video". New frontiers in Neuroimmunology. Genoa, January 25th, 2019.
"Fluid biomarkers in dementia". Course in Neurodegenerative disorders. Padova, May 29th, 2019.
"Aggiornamento in tema di biomarcatori liquorali nella diagnosi delle malattie neurodegenerative". Il cervello che cambia 9 - Disordini cognitivi e demenze: recenti avanzamenti e frontiere di ricerca, Genova, November 9th, 2019.
"Biomarcatori liquorali: caratteristiche delle demenze pre-senili" - Il cervello che cambia 11 – Le demenze pre-senili: sono diverse? - Genoa, November 6th 2021.
"Tavola rotonda: consensus europea su come orientarsi nel labirinto dei biomarcatori". XV national congress of Associazione Italiana Medicina Nucleare (AIMN) – Rimini, May 12-15th 2022.
"Guida alla scelta dei biomarcatori per la diagnosi eziologica dei disturbi neurocognitivi: un consensus intersocietario europeo". 22° national congress of Associazione Italiana Psicogeriatrica (AIP) – Florence, May 23-25th 2022.
"Introduzione all'esame del liquido cefalorachidiano" – Basic course of Nuclear Medicine - Pesaro 29 settembre – october 1st 2022.
"Nuovi biomarcatori liquorali emergono" - Il cervello che cambia 12 – Giovani virgulti crescono al CDCD del policlinico San Martino e dintorni - Genoa, November 2022

"Linee guida europee sull'uso dei bio-marker nelle Demenze" – Advanced course of Nuclear Medicine - Pesaro 28-30th September 2023

"Markers liquorali ed ematici: a che punto siamo, quali prospettive, quali problemi" – Advanced course of Nuclear Medicine - Pesaro 28-30th September 2023

"Exploring metabolic correlates of cerebrospinal fluid proteins in prodromal Alzheimer's Disease". European Alzheimer's disease consortium (EADC) meeting – Genoa 12-13th October 2023

"Dalla analisi visiva a quella semiquantitativa con piattaforma DO-Lab Research Edition" – Scuola di Neuro-imaging molecolare – Prato 1st-12nd December 2023

"Le nuove raccomandazioni intersocietarie per la diagnosi eziologica nel decadimento cognitivo lieve - "Riunione triregionale SINDEM Piemonte - Liguria - Valle d'Aosta – Torino 16th December 2023

"Prognosi ed esito cognitivo" - Encefaliti autoimmuni ed epilessie autoimmuni: due entità a confronto - Genoa, 18-19th April 2024

"Biomarkers fluidi per AD: dove siamo e dove stiamo andando" - Scientific Exchange Meeting – pathfinder" – Optimize treatment strategies: when and how to integrate amyloid-targeted therapies in early symptomatic Alzheimer's disease management" – Rome, 23-24th May 2024

"European recommendations for biomarker-based diagnosis of neurocognitive disorders" - Neuro24 Fórum de Neurologia e o Congresso Nacional da Sociedade Portuguesa de Neurocirurgia – Figueira da Foz (Portugal), June 6-8th, 2024.

"Cosa si aspettano i clinici dal medico-nucleare: consensus Europea sulla diagnosi etiologica dei disturbi cognitivi e motori"

"La fisiopatologia dei disturbi del movimento, cosa sappiamo e cosa non sappiamo: dalla anatomia patologica alla clinica, dalle sindromi alle malattie"

"La fisiopatologia delle demenze, cosa sappiamo e cosa non sappiamo: dalla anatomia patologica alla" – Basal course of Nuclear Medicine – Pesaro, September 26-28th 2024

"Case vignette: esemplificazione dell'uso clinico delle raccomandazioni in 6 casi clinici". Evento formativo residenziale - Raccomandazioni Europee per l'uso dei biomarcatori nel processo diagnostico dei disturbi neurocognitivi allo stadio MCI - IRCCS Fatebenefratelli, Brescia, October 11th 2024

"Biomarcatori biologici plasmatici nella malattia di Alzheimer: quale futuro?". Simposio – Malattia di Alzheimer: quando la biologia si allea con la clinica. Congresso Nazionale di Neurologia (SIN), Roma, November 10th, 2024

"Significato clinico ed interpretazione della PET amiloide nei disturbi cognitivi"

"Utilità dei dati clinici e neuropsicologici nell'interpretazione delle immagini PET"

Corso di "Neuroimaging funzionale nella pratica clinica". Bolzano, November 15-16th 2024.

"Avanzamenti e prospettive dei biomarcatori fluidi nei disturbi cognitivi". Riunione triregionale SINDEM Piemonte - Liguria - Valle d'Aosta – Genoa, November 30th, 2024

"Non-conventional CSF biomarkers in neurodegenerative disorders". Memory Center Symposium, Hopitalux Universitaires Genève – Genève (CH), February 10th 2025

"DATSCAN in Dementia". 39° Reuniao anual – Grupo de estudos de envecimiento cerebral e demencia - Aveiro (PT), 16-17th May 2025

"L'importanza della diagnosi precoce". Corso: La cognitività prima della malattia: Potenzamento e Terapia – Genoa, May 24th 2025

Scientific contributes in national/international congresses as presenting author – ORAL COMMUNICATIONS

F. Massa, C. Lapucci, E. Giorli, M. Godani, S. Zupo, G. Cerruti, D. Siccardi, S. Boni, C. Serrati, G. Mancardi, L. Benedetti. The utility of molecular PCR assays to detect clonal rearrangement in immunoglobulin and t-cell receptor VDJ-region genes in CSF samples of suspected lymphoproliferative diseases. XLVII SIN congress. Venice, Oct 22-25th 2016.

F. Massa, C. Lapucci, E. Giorli, M. Godani, S. Zupo, G. Cerruti, D. Siccardi, S. Boni, C. Serrati, G. Mancardi, L. Benedetti. Clinical significance of clonal rearrangement detection through molecular PCR assays in suspicious lymphoproliferative diseases CSF samples. XLVIII SIN congress. Naples, Oct 14-17th 2017.

F. Massa, E. Capello, G.L., Mancardi, F. Nobili. CSF analysis in dementia: clinical utility and new perspectives. 7° Giornata dello specializzando in neurologia. Milan, May 15th 2018.

- F. Massa, D. Franciotta, M. Gastaldi, G. Mancardi, L. Benedetti. N-Methyl-D-Aspartate receptor antibody-related pathologies and pre-existent mental state disorders. XLIX SIN congress. Rome, oct 27-30th 2018.
- F. Massa, A. Chincarini, M. Bauckneht, S. Raffa, E. Peira, D. Arnaldi, M. Pardini, M. Pagani, B. Orso, I. Donegani, A. Brugnolo, E. Biassoni, P. Mattioli, N. Girtler, U.P. Guerra, S. Morbelli, F. Nobili. Accuracy of FDG-PET at the individual level in MCI-LB versus MCI-AD: A stepwise approach from visual to semi-quantitative analysis. 25° World congress of Neurology (WCN2021). Virtual, oct 3rd-7th 2021.
- F. Massa, M. Bauckneht, S. Raffa, B. Orso, D. Arnaldi, M. Pardini, M. Pagani, A. Brugnolo, N. Girtler, S. Morbelli, A. Chincarini, U.P. Guerra, F. Nobili. Accuracy of 18F-FDG PET at the individual level in MCI-LB versus MCI-AD. 7th Congress of the European Academy of Neurology, Virtual, Jun 19-22th 2021.
- F. Massa, A. Chincarini, B. Orso, P. Mattioli, S.G. Grisanti, A. Brugnolo, N. Girtler, S. Morbelli, M. Pardini, for the Dementia Disease Management Team of the IRCCS Ospedale Policlinico San Martino, Genoa. The metabolic correlates of apathy and unawareness of apathy differ in patients with amnesic mild cognitive impairment due to Alzheimer's disease. European Conference on Clinical Neuroimaging (ECCN) – 11th edition. Genoa, Mar 13-15th 2023
- F. Massa F, C. Martinuzzo, N. Gómez de San José, V. Pelagotti V, W. Kreshpa, S. Abu-Rumeileh, L. Barba, P. Mattioli, B. Orso, A. Brugnolo, N. Girtler, T. Vigo, D. Arnaldi, C. Serrati, A. Uccelli, S. Morbelli, A. Chincarini, M. Otto, M. Pardini M. Exploring cerebrospinal fluid NPTX2 changes and spatial associations with brain metabolism in the course of prodromal Alzheimer's disease. 18th International Conference on Alzheimer's & Parkinson's Diseases (ADPD24). Lisboa (Portugal). Mar 5-9th 2024.

Scientific contributes in national/international congresses as presenting author – POSTER

- F. Massa**, et al. Atypical systemic sclerosis-related myositis: report of a case. XLVI congresso SIN. Genova, 10-13 ottobre 2015.
- F. Massa**, et al. Reward perception in subjects with hyposmia: which relationship with the development of Parkinson's disease? XLVII congresso SIN. Venezia, 22-25 ottobre 2016.
- F. Massa**, et al. Ecologically-relevant isolated apathy as an early symptom of neurodegeneration. XLVII congresso SIN. Venezia, 22-25 ottobre 2016.
- F. Massa**, et al. The utility of molecular PCR assay to detect clonal rearrangement in immunoglobulin VDJ-region genes in CSF samples of suspected lymphoproliferative diseases. 57° congresso nazionale SNO. Napoli, 24-26 maggio 2017.
- F. Massa**, et al. Cognitive onset Parkinson's disease or prodromal DLB? XLVIII congresso SIN. Napoli, 14-17 ottobre 2017.
- F. Massa**, et al. Is The B-cell-activating factor a negative prognostic factor in Rituximab retreated anti-MAG polyneuropathy patients? XXVII AINI Congress. Trieste, 7-10 maggio 2018.
- F. Massa**, et al. Relative incremental value of 18F-FDG-PET and CSF biomarkers in suspected Alzheimer's disease. XLIX congresso SIN. Roma, 27-30 ottobre 2018.
- F. Massa**, et al. Brain metabolic correlates of word version of free and cued selective reminding test (FCRST) in prodromal AD. XLIX congresso SIN. Roma, 27-30 ottobre 2018.
- F. Massa**, et al. N-Methyl-D-Aspartate receptor antibody-related pathologies and pre-existent mental state disorders. XXVIII AINI Congress. Camogli, 6-9 maggio 2019.
- F. Massa**, et al. Relative incremental value of 18F-FDG-PET and CSF biomarkers in suspected Alzheimer's disease. 8° Giornata dello specializzando in neurologia. Milano, 11 giugno 2019.
- F. Massa**, et al. Cholinergic deficit in Parkinson's disease with cognitive onset is revealed by quantitative EEG. 50° congresso SIN. Bologna, 12-15 ottobre 2019.
- F. Massa**, et al. FDG-PET unveils the course of paraneoplastic cerebellar degeneration: a semiquantitative analysis. 51° congresso SIN. Virtuale, 28-30 novembre 2020.
- F. Massa**, et al. Brain metabolic correlates of process specific CSF biomarkers in MCI due to Alzheimer's disease. 8th Congress of the European Academy of Neurology, Wien (AT), 25-28 June 2022.
- F. Massa**, et al. European Inter-Societal Delphi Consensus for the biomarker-based etiological diagnosis of neurocognitive disorders in the mild stage. Alzheimer's Association International Conference® (2022). San Diego (CA, USA) and virtual. July 31 –August 4, 2022.
- F. Massa**, et al. Assessment of apathy by patients and its discrepancy with estimation by caregivers rely on different metabolic correlates in amnesic mild cognitive impairment due to Alzheimer's disease. 52° congresso SIN. Milano, 3-6 dicembre 2022.
- F. Massa**, et al. Apathy and unawareness of apathy differ in neural pathways in prodromal Alzheimer's disease: an FDG-PET study. 9th Congress of the European Academy of Neurology, Budapest (HU), July 1st-4th 2023.
- F. Massa**, et al. The difference in apathy estimates between the patient and caregiver predicts dementia in individuals with amnesic MCI. Alzheimer's Association International Conference® (2023). Amsterdam (The Netherlands). July 16 –20, 2023
- F. Massa**, et al. CSF NPTX2 dynamic changes and topographic relations with brain metabolism across MCI due to Alzheimer's Disease. 53° SIN Congress Naples 2023. October 21-24th 2023.

F. Massa et al. CSF synaptic proteins and monoaminergic systems in prodromal Alzheimer's disease: insights from [18F]FDG PET correlations 10th Congress of the European Academy of Neurology, Helsinki (HU), June 29th-July 2nd 2024.

F. Massa et al. Mapping monoaminergic system vulnerability in prodromal Alzheimer's disease: correlations with cerebrospinal fluid biomarkers and [18F]FDG-PET hypometabolism. RIN (Rete Italiana Neuroscienze) congress, Genoa, Nov 22nd 2024

F. Massa et al. Serotonergic receptor maps overlap with cortical metabolism changes and CSF NPTX2 in prodromal Alzheimer's disease .11th Congress of the European Academy of Neurology, Helsinki (HU), June 21st-June 24th 2025.

Prizes and awards **Best poster award** - '8° Giornata dello specializzando in neurologia' Milan 2019 with the contribution "Relative incremental value of 18F-FDG-PET and CSF biomarkers in suspected Alzheimer's disease".
Best poster award and Travel grant "Progetto Giovani" – 53° SIN Congress Naples 2023 with the contribution "CSF NPTX2 dynamic changes and topographic relations with brain metabolism across MCI due to Alzheimer's Disease"
Best poster award - RIN (Rete Italiana Neuroscienze) congress, Genoa, Nov 22nd 2024, with the contribution "Mapping monoaminergic system vulnerability in prodromal Alzheimer's disease: correlations with cerebrospinal fluid biomarkers and [18F]FDG-PET hypometabolism."
Travel grant "Progetto Giovani" - XLVI Sin Congress Genoa 2015 with the contribution "Atypical systemic sclerosis-related myositis: report of a case."
Travel grant "Progetto Giovani" - XLVII Sin Congress Venice 2016 with the contribution "The utility of molecular PCR assay to detect clonal rearrangement in immunoglobulin VDJ-region genes in CSF samples of suspected lymphoproliferative diseases."
Travel grant "Progetto Giovani" - 57° SNO Congress Naples 2017 con il contributo dal titolo "The utility of molecular PCR assay to detect clonal rearrangement in immunoglobulin VDJ-region genes in CSF samples of suspected lymphoproliferative diseases."
Travel grant "Progetto Giovani" - XLVIII SIN Congress Naples 2017 with the contribution "Clinical significance of clonal rearrangement detection through molecular PCR assays in suspicious lymphoproliferative diseases CSF samples"
Travel Grant - XXVII AINI Congress Trieste 2018 with the contribution "Is The B-cell-activating factor a negative prognostic factor in Rituximab retreated anti-MAG polyneuropathy patients?".
Travel grant "Progetto Giovani" - XLIX SIN Congress Rome 2018 with the contribution "N-methyl-D-aspartate receptor antibody-related pathologies and pre-existent mental state disorders".
Travel Grant - XXVIII AINI Congress Camogli 2019 with the contribution "N-methyl-D-aspartate receptor antibody-related pathologies and pre-existent mental state disorders".
Travel grant "Progetto Giovani" - 50° SIN Congress Bologna 2019 with the contribution "Cholinergic deficit in parkinson's disease with cognitive onset is revealed by quantitative EEG".
Travel Grant - 8th European Academy of Neurology (EAN) Congress, Vienna 2022 with the contribution "Brain metabolic correlates of process-specific CSF biomarkers in MCI due to Alzheimer's disease"
Conference Fellowship per Alzheimer's Association International Conference® 2022 (AAIC), San Diego (CA, USA) and virtual, 2022, with the contribution "European Inter-Societal Delphi Consensus for the biomarker-based etiological diagnosis of neurocognitive disorders in the mild stage"
Travel Grant - 9th European Academy of Neurology (EAN) Congress, Budapest 2023 with the contribution "Apathy and unawareness of apathy differ in neural pathways in prodromal Alzheimer's disease: an FDG-PET study".
Travel Grant – 11th Congress of the European Academy of Neurology, Helsinki (FI) 2025 with the contribution "Serotonergic receptor maps overlap with cortical metabolism changes and CSF NPTX2 in prodromal Alzheimer's disease"

Personal skills and competences

Use of statistical software for data analysis, including Graphpad Prism, R, and other widely adopted tools in clinical and research settings.

Advanced skills in creating impactful and professional presentations using Microsoft PowerPoint, tailored to both scientific audiences and broader professional contexts.

Expertise in using **Statistical Parametric Mapping (SPM)** software for the analysis and interpretation of Positron Emission Tomography (PET) imaging data, with a strong focus on neuroimaging applications in research and clinical practice.

Laboratory expertise in performing and interpreting immunoassays for research and diagnostic purposes, with a focus on proteins implicated in neurodegenerative diseases

Mother tongue(s)	Italian									
Other language(s)	English, French									
Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
French	A1	Basic user	B1	Independent user	A1	Basic user	A1	Basic user	A1	Basic user
(*) Common European Framework of Reference for Languages										

I hereby grant my permission for my personal data to be used pursuant to the Italian law 196/2003, regarding the privacy of individuals

Sincerely,

Genoa, June 4th, 2025