

DIAGNOSI DIFFERENZIALE DEI PARKINSONISMI: DAI CRITERI DIAGNOSTICI ALLA PRATICA CLINICA

Rimini 15 Maggio 2026

**PALACONGRESSI DI RIMINI IEG EXPO
Via della Fiera, 23
47923 Rimini (RN)**

Responsabile Scientifico: Mario Giorgio Rizzone

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DESTINATARI INIZIATIVA

PROFESSIONE	DISCIPLINE
MEDICO CHIRURGO	NEUROLOGIA; NEUROFISIOPATOLOGIA; NEUROCHIRURGIA; GERIATRIA; MEDICINA FISICA E RIABILITAZIONE; PSICHIATRIA

OBIETTIVO FORMATIVO: DOCUMENTAZIONE CLINICA. PERCORSI CLINICO-ASSISTENZIALI DIAGNOSTICI E RIABILITATIVI, PROFILI DI ASSISTENZA - PROFILI DI CURA

AREA FORMATIVA: OBIETTIVI FORMATIVI DI PROCESSO

NUMERO DI CREDITI RICONOSCIUTI: 1

PROGRAMMA

Mercoledì 15 Maggio 2026

1 h

**Diagnosi differenziale dei parkinsonismi: dai criteri diagnostici alla pratica clinica
(video corso)**

Moderatore: *M. Marano* (Roma)

08.30

PSP e fenocopie

M. Costanzo (Roma)

08.50

MSA e fenocopie

N. Campese (Trento)

09.10

Cos'è questo? Diagnosi (quasi) impossibili

M. Marano (Roma)

RAZIONALE

I parkinsonismi atipici, in particolare la paralisi sopranucleare progressiva (PSP) e l'atrofia multi-sistemica (MSA), sono malattie complesse da diagnosticare e gestire. Nonostante i progressi di neuroimmagini e biomarcatori, la diagnosi si basa ancora su una valutazione clinica dettagliata e spesso longitudinale. La presenza di condizioni simili, alcune trattabili, rende la diagnosi ancora più complessa, richiedendo allo specialista competenze in genetica, neuroimmagini e test ancillari per distinguere possibili diagnosi alternative al Parkinsonismo.

Il corso mira a fornire un aggiornamento sul panorama diagnostico di PSP e MSA, offrendo strumenti per supportare l'algoritmo decisionale del clinico e guidando i partecipanti, con un approccio "case-based", attraverso la complessa fenomenologia delle manifestazioni tipiche e delle "fenocopie" dei Parkinsonismi atipici.

CURRICULUM

Relatore	Laurea	Specializzazione	Affiliazione
Campese Nicole	• Medicina e Chirurgia	• Neurologia	• Dirigente medico – UOM Neurologia, Trento Azienda Provinciale per i Servizi Sanitari di Trento, Trento
Costanzo Matteo	• Medicina e Chirurgia	• Neurologia	• Assegnista di Ricerca Dottorato di ricerca Dip.to Neuroscienze Umane Sapienza Università di Roma
Marano Massimo	• Medicina e Chirurgia	• Neurologia	• Unità di Neurologia, Neurofisiologia e Neurobiologia, Dipartimento di Medicina, Università Campus Bio-Medico di Roma

CURRICULUM VITAE

FORMATO EUROPEO PER IL CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome e Cognome
Incarico attuale

CAMPESE NICOLE

Dirigente medico – UOM Neurologia, Trento
Azienda Provinciale per i Servizi Sanitari di Trento

ISTRUZIONE E FORMAZIONE

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

01.05.2022 – 21.07.2025

Medizinische Universität Innsbruck, Dipartimento di Neurologia

Dottorato di ricerca – PhD (Clinical PhD, clinical neurosciences) (con lode)
Tema di ricerca: parkinsonismi atipici, disordini del movimento, disautonomia.

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

01.05.2022 – 21.07.2025

Medizinische Universität Innsbruck, Dipartimento di Neurologia

Clinical fellowship (vincitrice di borsa EAN clinical fellowship grant)

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

30.12.2021 – 27.12.2017

Università di Pisa, UO Neurologia

Specializzazione in Neurologia (110/110 e lode)

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

Ottobre 2010 – 28.19.2016

Università di Pisa

Laurea Magistrale a ciclo unico in Medicina e Chirurgia (110/110 e lode)

ESPERIENZA LAVORATIVA

- Date (da – a)
- Nome del datore di lavoro
- Principali mansioni e responsabilità

MAGGIO 2022 – MAGGIO 2025

Medizinische Universität Innsbruck, Dipartimento di Neurologia

Collaboratrice scientifica nell'ambito di dottorato di ricerca

- Date (da – a)
- Nome del datore di lavoro
- Principali mansioni e responsabilità

APRILE 2023 – DICEMBRE 2024

Ospedale centrale di Bolzano, UO Neurologia - ambulatorio di neurologia generale (attività occasionale).

Specialista neurologa – contratto d'opera libero professionale

- Date (da – a)
- Nome del datore di lavoro
- Principali mansioni e responsabilità

GENNAIO - FEBBRAIO 2022
 ASL Toscana Nordovest
 Sostituzioni nell'ambito della specialistica ambulatoriale, disciplina Neurologia (attività occasionale)

- Date (da – a)
- Nome del datore di lavoro
- Principali mansioni e responsabilità

DICEMBRE 2017 – DICEMBRE 2021
 UO Neurologia, Azienda ospedaliera universitaria Pisana
 Medico specializzando in Neurologia

MADRELINGUA

ITALIANO

ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

INGLESE

livello: eccellente
 livello: eccellente
 livello: eccellente

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

TEDESCO (Goethe Zertifikat C1)

livello: eccellente
 livello: eccellente
 livello: eccellente

CAPACITÀ E COMPETENZE TECNICHE

*Con computer, attrezzature
specifiche, macchinari, ecc.*

Buone competenze informatiche di base.

PREMI E RICONOSCIMENTI

Premio “Progetto giovani e ricerca” LIMPE (2024)
 European Federation of Autonomic Societies (EFAS) Audience Choice Award (2022)
 European Academy of Neurology (EAN) Clinical Fellowship grant recipient (2021)
 European Federation of Autonomic Societies (EFAS) best abstract award (2019, condiviso con Dr. A. Fanciulli).

CERTIFICAZIONI

Immediate Life Support - ILS (2025)
 EAN CoCoCARE program (2024)
 European Board of Neurology Examination (2022)
 EFAS “Diagnosis and Management of Cardiovascular and Sudomotor ANS disorders” (2020).

PUBBLICAZIONI

- 1: Calió B, Leys F, Matteucci G, Campese N, Rivasi G, Göbel G, Testa GD, Granata R, Dürr S, Ndayisaba JP, Radl K, Thurner-Rodriguez M, Seppi K, Poewe W, Kiechl S, Ungar A, Wenning G, Rafanelli M, Fanciulli A. Delayed orthostatic hypotension in Parkinson's disease and in the general ageing population. *Age Ageing*. 2025 Jul 1;54(7):afaf187. doi: 10.1093/ageing/afaf187. PMID: 40622385.
- 2: Sidoroff V, Baldelli L, Bendahan N, Calandra-Buonaura G, Campese N, Da Prat G, Fabbri M, Fanciulli A, Ferreira JJ, Gandor F, Gatto E, Gilmour GS, Katzdobler S, Kaufmann H, Kostic V, Krismer F, Khurana V, Lang A, Levin J, Millar Verneti P, Pellecchia MT, Petrovic I, Poewe W, Raccagni C, Simões RM, Singer W, Strupp M, van Eimeren T, Stamelou M, Höglinger G, Wenning G, Stankovic I; MDS MSA Study group. How Do I Diagnose Multiple System Atrophy-A Videolibrary on Clinical and Imaging Features. *Mov Disord Clin Pract*. 2025 Jun 18. doi: 10.1002/mdc3.70181. Epub ahead of print. PMID: 40530646.
- 3: Panicker JN, Fanciulli A, Skoric MK, Kaplan T, Aleksovska K, Adamec I, Averbek MA, Campese N, Guaraldi P, Leys F, Moreno-Palacios J, Simeoni S, Stankovic I, Wright S, Batla A, Blok B, Hentzen C, Hilz MJ, Kessler TM, Madersbacher H, Nair KR, Nair KPS, Pakzad M, Traon AP, Peryer G, Przydacz M, Sakakibara R, Saraf U, Smith M, Struhal W, Thijs RD, Tudor KI, Tutaj M, Vodušek DB, Wenning G, Habek M. European Academy of Neurology (EAN)/European Federation of Autonomic Societies (EFAS)/International Neuro-Urology Society (INUS) Guidelines for Practising Neurologists on the Assessment and Treatment of Neurogenic Urinary and Sexual Symptoms (NEUROGED Guidelines). *Eur J Neurol*. 2025 Apr;32(4):e70119. doi: 10.1111/ene.70119. Erratum in: *Eur J Neurol*. 2025 May;32(5):e70205. doi: 10.1111/ene.70205. PMID: 40208234; PMCID: PMC11984325.
- 4: Campese N, Göbel G, Wanschitz J, Schlager A, Calió B, Leys F, Bower P, Kellerman L, Zamarian L, Bannister K, Chaudhuri KR, Schrag A, Freeman R, Kaufmann H, Granata R, Kiechl S, Poewe W, Seppi K, Wenning G, Fanciulli A. Pain in Multiple System Atrophy: A Community-Based Survey. *Mov Disord*. 2024 Oct;39(10):1784-1798. doi: 10.1002/mds.29961. Epub 2024 Aug 5. PMID: 39101334.
- 5: Leys F, Eschlböck S, Campese N, Mahlknecht P, Peball M, Goebel G, Sidoroff V, Krismer F, Granata R, Kiechl S, Poewe W, Seppi K, Wenning GK, Fanciulli A. Sex- related differences in the clinical presentation of multiple system atrophy. *Clin Auton Res*. 2024 Apr;34(2):253-268. doi: 10.1007/s10286-024-01028-1. Epub 2024 Apr 17. PMID: 38630378; PMCID: PMC11127878.
- 6: Campese N, Calió B, Leys F, Kaltenbach L, Göbel G, Wanschitz J, Schlager A, Zamarian L, Bannister K, Chaudhuri RK, Schrag A, Granata R, Kiechl S, Poewe W, Seppi K, Wenning G, Fanciulli A. Pain in Multiple System Atrophy a Systematic Review and Meta-Analysis. *Mov Disord Clin Pract*. 2023 Oct 18;10(12):1738-1749. doi: 10.1002/mdc3.13897. PMID: 38094640; PMCID: PMC10715371.
- 7: Fanciulli A, Skorić MK, Leys F, Carneiro DR, Campese N, Calandra-Buonaura G, Camaradou J, Chiaro G, Cortelli P, Falup-Pecurariu C, Granata R, Guaraldi P, Helbok R, Hilz MJ, Iodice V, Jordan J, Kaal ECA, Kamondi A, Le Traon AP, Rocha I, Sellner J, Senard JM, Terkelsen A, Wenning GK, Moro E, Berger T, Thijs RD, Struhal W, Habek M; Collaborators of European Network of Neurological Autonomic Laboratories. EFAS/EAN survey on the influence of the COVID-19 pandemic on European clinical autonomic education and research. *Clin Auton Res*. 2023 Dec;33(6):777-790. doi: 10.1007/s10286-023-00985-3. Epub 2023 Oct 4. PMID: 37792127; PMCID: PMC10751256.
- 8: Rossi C, Campese N, Colosimo C. Emerging Symptomatic Treatment of Chronic Traumatic Encephalopathy (CTE): a narrative review. *Expert Opin Pharmacother*. 2023 Sep-Dec;24(13):1415-1425. doi: 10.1080/14656566.2023.2224501. Epub 2023 Jun 18. PMID: 37300418.
- 9: Leys F, Eschlböck S, Campese N, Mahlknecht P, Peball M, Goebel G, Sidoroff V, Granata R, Bonifati V, Zschocke J, Kiechl S, Poewe W, Seppi K, Wenning GK, Fanciulli A. Family History for Neurodegeneration in Multiple System Atrophy: Does it Indicate Susceptibility? *Mov Disord*. 2022 Nov;37(11):2310-2312. doi: 10.1002/mds.29202. Epub 2022 Aug 27. PMID: 36029213; PMCID: PMC9804463.

10: Galgani A, Vergallo A, Campese N, Lombardo F, Pavese N, Petrozzi L, LoGerfo A, Franzini M, Cecchetti D, Puglisi-Allegra S, Busceti CL, Siciliano G, Tognoni G, Baldacci F, Lista S, Hampel H, Fornai F, Giorgi FS. Biological determinants of blood-based cytokines in the Alzheimer's disease clinical continuum. *J Neurochem*. 2022 Oct;163(1):40-52. doi: 10.1111/jnc.15686. Epub 2022 Aug 22. PMID: 35950445.

11: Campese N, Leys F, Wenning GK, Fanciulli A. Bedside Assessment of Autonomic Dysfunction in Multiple System Atrophy. *J Parkinsons Dis*. 2022;12(7):2277-2281. doi: 10.3233/JPD-223357. PMID: 35848039.

12: Lancione M, Donatelli G, Del Prete E, Campese N, Frosini D, Cencini M, Costagli M, Biagi L, Lucchi G, Tosetti M, Godani M, Arnaldi D, Terzaghi M, Provini F, Pacchetti C, Cortelli P, Bonanni E, Ceravolo R, Cosottini M. Evaluation of iron overload in nigrosome 1 via quantitative susceptibility mapping as a progression biomarker in prodromal stages of synucleinopathies. *Neuroimage*. 2022 Oct 15;260:119454. doi: 10.1016/j.neuroimage.2022.119454. Epub 2022 Jul 8. PMID: 35810938.

13: Campese N, Fanciulli A. Look broader, see closer: A glimpse into the pre-diagnostic stage of multiple system atrophy. *Parkinsonism Relat Disord*. 2022 Jun;99:105-106. doi: 10.1016/j.parkreldis.2022.06.005. Epub 2022 Jun 9. PMID: 35715287.

14: Giampietri L, Belli E, Beatino MF, Giannoni S, Palermo G, Campese N, Tognoni G, Siciliano G, Ceravolo R, De Luca C, Baldacci F. Fluid Biomarkers in Alzheimer's Disease and Other Neurodegenerative Disorders: Toward Integrative Diagnostic Frameworks and Tailored Treatments. *Diagnostics (Basel)*. 2022 Mar 24;12(4):796. doi: 10.3390/diagnostics12040796. PMID: 35453843; PMCID: PMC9029739.

15: Beatino MF, De Luca C, Campese N, Belli E, Piccarducci R, Giampietri L, Martini C, Perugi G, Siciliano G, Ceravolo R, Vergallo A, Hampel H, Baldacci F. α -synuclein as an emerging pathophysiological biomarker of Alzheimer's disease. *Expert Rev Mol Diagn*. 2022 Apr;22(4):411-425. doi: 10.1080/14737159.2022.2068952. Epub 2022 May 6. PMID: 35443850.

16: Campese N, Fanciulli A, Stefanova N, Haybaeck J, Kiechl S, Wenning GK. Correction to: Neuropathology of multiple system atrophy: Kurt Jellinger's legacy. *J Neural Transm (Vienna)*. 2021 Oct;128(10):1495. doi: 10.1007/s00702-021-02412-1. Erratum for: *J Neural Transm (Vienna)*. 2021 Oct;128(10):1481-1494. doi: 10.1007/s00702-021-02383-3. PMID: 34495417; PMCID: PMC8528741.

17: Campese N, Goebel G, Leys F, Ndayisaba JP, Eschlboeck S, Eckhardt C, Raccagni C, Granata R, Ceravolo R, Kiechl S, Seppi K, Poewe W, Wenning GK, Fanciulli A. Orthostatic Hypotension in Parkinson's Disease: Do Height and Weight Matter? *Mov Disord*. 2021 Nov;36(11):2703-2705. doi: 10.1002/mds.28768. Epub 2021 Aug 23. PMID: 34423874; PMCID: PMC9292422.

18: Campese N, Beatino MF, Del Gamba C, Belli E, Giampietri L, Del Prete E, Galgani A, Vergallo A, Siciliano G, Ceravolo R, Hampel H, Baldacci F. Ultrasensitive techniques and protein misfolding amplification assays for biomarker-guided reconceptualization of Alzheimer's and other neurodegenerative diseases. *Expert Rev Neurother*. 2021 Sep;21(9):949-967. doi: 10.1080/14737175.2021.1965879. Epub 2021 Aug 30. PMID: 34365867.

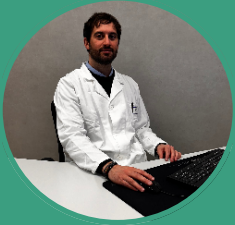
19: Campese N, Fanciulli A, Stefanova N, Haybaeck J, Kiechl S, Wenning GK. Neuropathology of multiple system atrophy: Kurt Jellinger's legacy. *J Neural Transm (Vienna)*. 2021 Oct;128(10):1481-1494. doi: 10.1007/s00702-021-02383-3. Epub 2021 Jul 28. Erratum in: *J Neural Transm (Vienna)*. 2021 Oct;128(10):1495. doi: 10.1007/s00702-021-02412-1. PMID: 34319460; PMCID: PMC8528766.

20: Campese N, Palermo G, Del Gamba C, Beatino MF, Galgani A, Belli E, Del Prete E, Della Vecchia A, Vergallo A, Siciliano G, Ceravolo R, Hampel H, Baldacci F. Progress regarding the context-of-use of tau as biomarker of Alzheimer's disease and other neurodegenerative diseases. *Expert Rev Proteomics*. 2021 Jan;18(1):27-48. doi: 10.1080/14789450.2021.1886929. Epub 2021 Mar 7. PMID: 33545008.

- 21: Del Prete E, Beatino MF, Campese N, Giampietri L, Siciliano G, Ceravolo R, Baldacci F. Fluid Candidate Biomarkers for Alzheimer's Disease: A Precision Medicine Approach. J Pers Med. 2020 Nov 11;10(4):221. doi: 10.3390/jpm10040221. PMID: 33187336; PMCID: PMC7712586.
- 22: Mazzucchi S, Palermo G, Campese N, Galgani A, Della Vecchia A, Vergallo A, Siciliano G, Ceravolo R, Hampel H, Baldacci F. The role of synaptic biomarkers in the spectrum of neurodegenerative diseases. Expert Rev Proteomics. 2020 Jul-Aug;17(7-8):543-559. doi: 10.1080/14789450.2020.1831388. Epub 2020 Oct 18. PMID: 33028119.
- 23: Fanciulli A, Campese N, Goebel G, Ndayisaba JP, Eschlboeck S, Kaundlstorfer C, Raccagni C, Granata R, Bonuccelli U, Ceravolo R, Seppi K, Poewe W, Wenning GK. Association of transient orthostatic hypotension with falls and syncope in patients with Parkinson disease. Neurology. 2020 Nov 24;95(21):e2854-e2865. doi: 10.1212/WNL.0000000000010749. Epub 2020 Sep 16. PMID: 32938788; PMCID: PMC7734734.
- 24: Fanciulli A, Campese N, Wenning GK. The Schellong test: detecting orthostatic blood pressure and heart rate changes in German-speaking countries. Clin Auton Res. 2019 Aug;29(4):363-366. doi: 10.1007/s10286-019-00619-7. Epub 2019 Jul 4. PMID: 31273549.

19 Febbraio 2026

Nicola Campese



Matteo Costanzo

Data di nascita: 01/10/1990 | **Nazionalità:** Italiana | **Numero di telefono:**

(+39) 3337467901 (Cellulare) | **Indirizzo e-mail:** matteo.costanzo@uniroma1.it |

Indirizzo: Viale dell'Università 30, 00185, Roma, Italia (Lavoro)

ESPERIENZA LAVORATIVA

01/11/2023 – ATTUALE Roma, Italia

COLLABORATORE DI RICERCA – VINCITORE DI BANDO “STARTING GRANT FOR YOUNG RESEARCHERS” ISTITUTO SUPERIORE DI SANITÀ

01/05/2023 – ATTUALE Roma, Italia

TITOLARE DI ASSEGNO DI RICERCA DI CAT. B PER LO SVOLGIMENTO DELL'ATTIVITÀ DI RICERCA RELATIVA AL PROGETTO DAL TITOLO “ICTUS ISCHEMICO ACUTO CANCRO-CORRELATO: RICERCA DEI MECCANISMI FISIOPATOLOGICI” DIPARTIMENTO DI NEUROSCIENZE UMANE, UNIVERSITÀ DEGLI STUDI DI ROMA “LA SAPIENZA”

01/10/2021 – ATTUALE Roma, Italia

DIRIGENTE MEDICO - NEUROLOGIA NEUROLOGICAL CENTRE OF LATIUM

01/01/2021 – 01/2023 Pozzilli, Italia

CONTRATTO DI COLLABORAZIONE SCIENTIFICA – SERVIZIO DI NEUROFISIOLOGIA CLINICA ISTITUTO NEUROLOGICO MEDITERRANEO NEUROMED

01/2020 – 01/12/2021 Roma, Italia

NEUROLOGO RESPONSABILE UNITÀ RIABILITATIVA ADULTI (URA) CENTRO DI RIABILITAZIONE VACLAV VOJTA

01/01/2020 – 01/03/2022 Roma, Italia

MEDICO DI REPARTO - TURNI DI GUARDIA ISTITUTO DI NEUROSCIENZE NEOMESIA

ISTRUZIONE E FORMAZIONE

2015 Roma, Italia

LAUREA MAGISTRALE IN MEDICINA E CHIRURGIA Università degli Studi di Roma "La Sapienza"

Voto finale 110/110 con lode |

Tesi "Studio del tremore nella malattia di Parkinson: caratteristiche cliniche ed epidemiologiche del tremore ri-emergente"

2013 – 2014 Madrid, Spagna

VINCITORE DI BORSA DI STUDIO ERASMUS Università autonoma de Madrid

2016 Roma, Italia

ABILITAZIONE ALLA PROFESSIONE DI MEDICO-CHIRURGO Università degli Studi di Roma "La Sapienza"

2020 Roma, Italia
DIPLOMA DI SPECIALIZZAZIONE: NEUROLOGIA Università degli Studi di Roma "La Sapienza"

Voto finale 70/70 con lode |

Tesi "Caratteristiche cliniche e fisiopatologiche del tremore ri-emergente nella malattia di Parkinson"

2020 – ATTUALE Roma, Italia
DOTTORATO DI RICERCA IN NEUROSCIENZE CLINICO-SPERIMENTALI; CURRICULA: NEUROSCIENZE SENSORIMOTORIE Università degli Studi di Roma "La Sapienza"

2017 Firenze, Italia
ATTESTATO DI PARTECIPAZIONE AL CORSO DI GENETICA SINDEM (Associazione autonoma aderente alla SIN per le demenze)

2019 Padova, Italia
ATTESTATO DI PARTECIPAZIONE ALLA "MDS-ES 12TH SUMMER SCHOOL FOR YOUNG NEUROLOGISTS" International Parkinson and Movement Disorder Society

12/10/2020 – 19/01/2021 Roma, Italia
ATTESTATO DI PARTECIPAZIONE AL CORSO FAD - EEG E POTENZIALI EVOCATI Lega Italiana contro l'epilessia e dalla Società Italiana di Neurofisiologia clinica

05/11/2021 – 06/11/2021 Roma, Italia
ATTESTATO DI PARTECIPAZIONE AL PROGETTO FORMATIVO AZIENDALE "VALUTAZIONE E TRATTAMENTO ECOGUIDATO DEL PAZIENTE AFFETTO DA SPASTICITÀ FOCALE" Struttura Riabilitativa Residenziale Poggio Mirteto

05/2021 – 06/2021 Cagliari/Genova, Italia
ATTESTATO DI PARTECIPAZIONE ALLA SCUOLA SUI DISTURBI DEL MOVIMENTO Società Italiana Parkinson e Disordini del Movimento/LIMPE-DISMOV

25/11/2022 Napoli, Italia
ATTESTATO DI PARTECIPAZIONE ALL'EVENTO FORMATIVO DENOMINATO "LA SCIALORREA NEL PAZIENTE NEUROLOGICO"

02/11/2023 – 05/11/2023 Catania, Italia
ATTESTATO DI PARTECIPAZIONE AL "11TH ADVANCED COURSE ON DIAGNOSIS AND TREATMENT OF MOVEMENT DISORDERS" Movement Disorder Society

17/11/2023 – 18/11/2023 Praga, Cechia
ATTESTATO DI PARTECIPAZIONE AL "8TH ADVANCED PARKINSON'S DISEASE (APD) SUMMIT"

● **COMPETENZE LINGUISTICHE**

Lingua madre: **ITALIANO**
Altre lingue:

	COMPRENSIONE		ESPRESSIONE ORALE		SCRITTURA
	Ascolto	Lettura	Produzione orale	Interazione orale	
INGLESE	C1	C1	C1	C1	C1
SPAGNOLO	C1	C1	C1	C1	C1

Livelli: A1 e A2: Livello elementare B1 e B2: Livello intermedio C1 e C2: Livello avanzato

PUBBLICAZIONI

1. Belvisi, D., Conte, A., Bologna, M., Bloise, M. C., Suppa, A., Formica, A., Costanzo, M., Cardone, P., Fabbrini, G., & Berardelli, A. (2017). Re-emergent tremor in Parkinson's disease. *Parkinsonism & related disorders*, 36, 4146. <https://doi.org/10.1016/j.parkreldis.2016.12.012>

2. Belvisi, D., Conte, A., Cutrona, C., Costanzo, M., Ferrazzano, G., Fabbrini, G., & Berardelli, A. (2018). Re-emergent tremor in Parkinson's disease: the effect of dopaminergic treatment. *European journal of neurology*, 25(6), 799804. <https://doi.org/10.1111/ene.13619>

3. Belvisi, D., Berardelli, I., Ferrazzano, G., Costanzo, M., Corigliano, V., Fabbrini, G., Berardelli, A., & Pompili, M. (2019). The clinical correlates of suicidal ideation in Parkinson's disease. *Parkinsonism & related disorders*, 63, 5459. <https://doi.org/10.1016/j.parkreldis.2019.02.047>

4. Berardelli, I., Belvisi, D., Corigliano, V., Costanzo, M., Innamorati, M., Fabbrini, G., Berardelli, A., & Pompili, M. (2018). Suicidal ideation, perceived disability, hopelessness and affective temperaments in patients affected by Parkinson's disease. *International journal of clinical practice*, e13287. Advance online publication. <https://doi.org/10.1111/ijcp.13287>

5. Vivacqua, G., Suppa, A., Mancinelli, R., Belvisi, D., Fabbrini, A., Costanzo, M., Formica, A., Onori, P., Fabbrini, G., & Berardelli, A. (2019). Salivary alpha-synuclein in the diagnosis of Parkinson's disease and Progressive Supranuclear Palsy. *Parkinsonism & related disorders*, 63, 143148. <https://doi.org/10.1016/j.parkreldis.2019.02.014>

6. Belvisi, D., Fabbrini, A., De Bartolo, M. I., Costanzo, M., Manzo, N., Fabbrini, G., Defazio, G., Conte, A., & Berardelli, A. (2020). The Pathophysiological Correlates of Parkinson's Disease Clinical Subtypes. *Movement disorders : official journal of the Movement Disorder Society*, 10.1002/mds.28321. Advance online publication. <https://doi.org/10.1002/mds.28321>

7. Leodori, G., Belvisi, D., De Bartolo, M. I., Fabbrini, A., Costanzo, M., Vial, F., Conte, A., Hallett, M., & Berardelli, A. (2020). Re-emergent Tremor in Parkinson's Disease: The Role of the Motor Cortex. *Movement disorders : official journal of the Movement Disorder Society*, 35(6), 10021011.

8. Belvisi, D., Pellicciari, R., Fabbrini, A., Costanzo, M., Pietracupa, S., De Lucia, M., Modugno, N., Magrinelli, F., Dallochio, C., Ercoli, T., Terravecchia, C., Nicoletti, A., Solla, P., Fabbrini, G., Tinazzi, M., Berardelli, A., & Defazio, G. (2020). Risk factors of Parkinson disease: Simultaneous assessment, interactions, and etiologic subtypes. *Neurology*, 95(18), e2500e2508. <https://doi.org/10.1212/WNL.000000000010813>

9. Tofani, M., Ranieri, A., Fabbrini, G., Berardi, A., Pelosin, E., Valente, D., Fabbrini, A., Costanzo, M., & Galeoto, G. (2020). Efficacy of Occupational Therapy Interventions on Quality of Life in Patients with Parkinson's Disease: A Systematic Review and Meta-Analysis. *Movement disorders clinical practice*, 7(8), 891901. <https://doi.org/10.1002/mdc3.13089>

10. Leodori, G., Fabbrini, A., De Bartolo, M. I., Costanzo, M., Asci, F., Palma, V., Belvisi, D., Conte, A., & Berardelli, A. (2021). Cortical mechanisms underlying variability in intermittent theta-burst stimulation-induced plasticity: A TMS-EEG study. *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*, 132 (10), 2519–2531. <https://doi.org/10.1016/j.clinph.2021.06.021>

11. Leodori, G., De Bartolo, M. I., Belvisi, D., Ciogli, A., Fabbrini, A., Costanzo, M., Manetto, S., Conte, A., Villani, C., Fabbrini, G., & Berardelli, A. (2021). Salivary caffeine in Parkinson's disease. *Scientific reports*, 11(1), 9823. <https://doi.org/10.1038/s41598-021-89168-6>

12. Costanzo, M., Belvisi, D., Berardelli, I., Maraone, A., Baione, V., Ferrazzano, G., Cutrona, C., Leodori, G., Pasquini, M., Conte, A., Fabbrini, G., Defazio, G., & Berardelli, A. (2021). Effect of Botulinum Toxin on Non-Motor Symptoms in Cervical Dystonia. *Toxins*, 13(9), 647. <https://doi.org/10.3390/toxins13090647>

13. Costanzo, M., Belvisi, D., Berardelli, I., Maraone, A., D'Antonio, F., Baione, V., Toscano, A., Ferrazzano, G., Pasquini, M., Conte, A., Fabbrini, G., Defazio, G., & Berardelli, A. (2021). Motor and non-motor subtypes of cervical dystonia. *Parkinsonism & related disorders*, 88, 108–113. <https://doi.org/10.1016/j.parkreldis.2021.06.008>
-
14. Ferrazzano, G., Zingaropoli, M. A., Costanzo, M., Belvisi, D., Dominelli, F., Pasculli, P., Ciardi, M. R., Fabbrini, G., Defazio, G., Berardelli, A., & Conte, A. (2022). Neurofilament assessment in patients with cervical dystonia. *Parkinsonism & related disorders*, 98, 70–71. <https://doi.org/10.1016/j.parkreldis.2022.04.013>
-
15. Leodori, G., Rocchi, L., Mancuso, M., De Bartolo, M. I., Baione, V., Costanzo, M., Belvisi, D., Conte, A., Defazio, G., & Berardelli, A. (2022). The effect of stimulation frequency on transcranial evoked potentials. *Translational neuroscience*, 13(1), 211–217. <https://doi.org/10.1515/tnsci-2022-0235>
-
16. Ferrazzano, G., Belvisi, D., De Bartolo, M. I., Baione, V., Costanzo, M., Fabbrini, G., Defazio, G., Berardelli, A., & Conte, A. (2022). Longitudinal evaluation of patients with isolated head tremor. *Parkinsonism & related disorders*, 94, 10–12. <https://doi.org/10.1016/j.parkreldis.2021.11.018>
-
17. Belvisi, D., Costanzo, M., Pellicciari, R., Modugno, N., Nicoletti, A., Fabbrini, G., Tinazzi, M., Defazio, G., & Berardelli, A. (2022). Reply to "Risk reduction of Parkinson's disease by caffeinated beverage consumption". *Parkinsonism & related disorders*, 103, 15–16.
-
18. Belvisi, D., Canevelli, M., Costanzo, M., Giangrosso, M., Fabbrini, A., Borraccino, A., Bruno, G., Berardelli, A., & Fabbrini, G. (2022). The role of frailty in Parkinson's disease: a cross-sectional study. *Journal of neurology*, 269(6), 3006–3014. <https://doi.org/10.1007/s00415-021-10873-3>
-
19. De Bartolo, M. I., Vivacqua, G., Belvisi, D., Mancinelli, R., Fabbrini, A., Manzo, N., Costanzo, M., Leodori, G., Conte, A., Fabbrini, G., Morini, S., & Berardelli, A. (2022). A Combined Panel of Salivary Biomarkers in de novo Parkinson's Disease. *Annals of neurology*, 10.1002/ana.26550. Advance online publication. <https://doi.org/10.1002/ana.26550>
-
20. Belvisi, D., Pellicciari, R., Fabbrini, A., Costanzo, M., Ressa, G., Pietracupa, S., De Lucia, M., Modugno, N., Magrinelli, F., Dallochio, C., Ercoli, T., Nicoletti, A., Zappia, M., Solla, P., Bologna, M., Fabbrini, G., Tinazzi, M., Conte, A., Berardelli, A., & Defazio, G. (2022). Relationship between risk and protective factors and clinical features of Parkinson's disease. *Parkinsonism & related disorders*, 98, 80–85. <https://doi.org/10.1016/j.parkreldis.2022.04.017>
-
21. Leodori, G., De Bartolo, M. I., Fabbrini, A., Costanzo, M., Mancuso, M., Belvisi, D., Conte, A., Fabbrini, G., & Berardelli, A. (2022). The Role of the Motor Cortex in Tremor Suppression in Parkinson's Disease. *Journal of Parkinson's disease*, 12(6), 1957–1963. <https://doi.org/10.3233/JPD-223316>
-
22. Belvisi, D., Leodori, G., Costanzo, M., Conte, A., & Berardelli, A. (2023). How does botulinum toxin really work?. *International review of neurobiology*, 169, 441–479. <https://doi.org/10.1016/bs.irn.2023.05.003>
-
23. Costanzo M, Cutrona C, Leodori G, et al. Distal Upper Limb Tremor during Walking in Parkinson's Disease. *Mov Disord Clin Pract*. 2023;10(8):1198-1202. Published 2023 Jun 22. doi:10.1002/mdc3.13814
-
24. Costanzo M, Leodori G, Cutrona C, et al. Motor Cortical Correlates of Paired Associative Stimulation Induced Plasticity: A TMS-EEG Study. *Brain Sci*. 2023;13(6):921. Published 2023 Jun 7. doi: 10.3390/brainsci13060921
-
25. Pietracupa, S., Belvisi, D., Piervincenzi, C., Tommasin, S., Pasqua, G., Petsas, N., De Bartolo, M. I., Fabbrini, A., Costanzo, M., Manzo, N., Berardelli, A., & Pantano, P. (2023). White and gray matter alterations in de novo PD patients: which matter most?. *Journal of neurology*, 270(5), 2734–2742. <https://doi.org/10.1007/s00415-023-11607-3>
-
26. Cutrona, C., Marchet, F., Costanzo, M., De Bartolo, M. I., Leodori, G., Ferrazzano, G., Conte, A., Fabbrini, G., Berardelli, A., & Belvisi, D. (2023). Exploring the Central Mechanisms of Botulinum Toxin in Parkinson's Disease: A Systematic Review from Animal Models to Human Evidence. *Toxins*, 16(1), 9. <https://doi.org/10.3390/toxins16010009>
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Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".

Roma, 01.06.24

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Curriculum Vitae of Dr Massimo Marano

Date of preparation of CV: October 26th 2025

Personal data:

Name: Massimo Marano

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Italian medical board License of Medical Doctor: CT14447, since April 2012.

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RESEARCH ID: 5AAB-8930-2019

Current employment:

- Dirigente medico at UOC of Neurology, Fondazione Policlinico Campus Bio-Medico, Viale Alvaro del Portillo 200, 00128, Rome, Italy.
- Coordinator of the Parkinson's disease, movement disorders and botulinum toxin outpatient clinic at Fondazione Policlinico Campus Bio-Medico.
- Contract professor of Physiopathology and Medical Semeiology (Neurological semeiology) at University Campus Bio-Medico of Rome for medicine
- Contract professor of Neurology at University Campus Bio-Medico of Rome for medicine school of Nursing (Magistral degree).
- PhD students' supervisor for Biomedical sciences and Bioethics PhD (curriculum: Neurological sciences).
- Professional tutor for medical students at University Campus Bio-Medico of Rome school of medicine.

Education:

- 2018-2022; PhD in Biomedical Sciences and Bioethics, Neurological sciences curriculum, Campus Bio-Medico of Rome University, Italy
- 2018- 2019; I level Master, Biostatistics for research and scientific publication, University of Padua, Italy (best project award).
- 2012-2017; Neurology residency (50/50 cum laude); Campus Bio-Medico of Rome University, Rome, Italy.
- 2006-2011; Degree in Medicine and Surgery (110/110 cum laude); Campus Bio-Medico of Rome University, Rome, Italy
- 2005; High school scientific diploma (100/100 cum laude); "Liceo scientifico Galileo Galilei", Catania, Italy

Postdoctoral Training:

- 2016 - 2017; Postdoctoral training (clinical research fellowship) in Neurology - Movement Disorders; Neurological Institute, Columbia University medical center, New York, NY, USA
- 2015 - 2017; Postdoctoral clinical and research training in Neurogenetics and rare diseases; CSS Mendel Institute of Human Genetics, Rome, Italy.

- 2009 - 2011; Internship; Neurology department; Campus Bio-Medico of Rome University, Rome, Italy
- 2008 - 2009: Internship; Clinical medicine department; Campus Bio-Medico of Rome University, Rome, Italy
- 2007-2009: Internship; Laboratory of Developmental Neuroscience and Neural Plasticity, Campus Bio-Medico of Rome University, Rome, Italy

Professional organizations, societies and study groups:

- Coordinator of the COLOSSEO (Comprehensive Observational and Longitudinal study on the Outbreak of Stroke-related Spasticity focusing on the Early Onset management with Botulinum NeuroToxin) study group since 2021.
- Coordinator of the “Parkinson-Gaucher” national study group between 2021 and 2023;
- Coordinator of the “Use and Provisions of Botulinum Toxin in Italy” study group of the Italian Network Botulinum Toxin (RITB), 2021-2022.
- Member of the scientific committee of the “Fondazione LIMPE per il Parkinson Onlus” since 2023.
- Member of the Social Media committee of the “International Parkinson’s disease and Movement disorders society” since 2023
- Member of the Italian Network Botulinum Toxin (Rete Italiana Tossina Botulinica, RITB) of the Italian Society of Neurology (SIN) since 2017
- Member of the Italian “Società Italiana Parkinson e Disordini del Movimento/ LIMPE-DISMOV ETS” scientific society.
- Member of the “International Parkinson’s disease and movement disorders society”.
- Member of the Rare movement disorders study group of the “International Parkinson’s disease and movement disorders society”.
- Member of the “European Huntington Disease Network (EHDN)”

Hospital and research appointment:

- 2023 – ongoing; Neurologist (dirigente medico) at Neurology, Neurophysiology, Neurobiology and Psychiatry research unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy;
- 2017 - 2023; Neurologist (consultant) at Neurology, Neurophysiology, Neurobiology and Psychiatry research unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy;
- 2023 – ongoing; Member of the Clinical Event Committee for the PSR study on deep brain stimulation safety (Medtronic).
- 2017-2023; Neurologist (consultant) at Neuroscience department, Neurosurgery unit, Ospedale Belcolle of Viterbo, for Intraoperative monitoring in Deep Brain Stimulation surgery for movement disorders.
- 2016-2017; Consultant physician for the Huntington and rare diseases Unit; IRCCS Casa Sollievo della Sofferenza, Rome, Italy.
- 2012-2016; Neurology residency; “Campus Bio-Medico of Rome University” Hospital, Rome, Italy.

Awards and Honors

- 2025, Research grant by Fondazione LIMPE per il Parkinson ETS as best Young researcher for physical activity projects in Parkinson’s disease with the project “Remote and in-person delivering of Kung-Fu/Tai-Chi training in people with Parkinson’s disease, a clinical-biological approach”.

- 2025, Research grant by Fondazione Policlinico Universitario Campus Bio-Medico for the project “Association of Vagus Nerve stimulation and Treadmill training and Gait Rehabilitation in DE novo Parkinson’s Disease – AVANTGARDE-PD”.
- 2025, Best 2024 publication from the RITB (Italian Botulinum Toxin Network) for the COLOSSEO-BoNT study.
- 2022, Best young researcher contribution at the Italian Parkinson’s Disease and Movement disorders “LIMPE/DISMOV” society congress, Naples.
- 2021, Research grant by Bial Pharmaceuticals
- 2020, Ambassador for International Cooperation of the University Campus Bio-Medico of Rome in Tanzania, Africa
- 2019, Research grant by the Alberto Sordi Foundation for Aging for the project
- 2019, Best project (I level Master, Biostatistics for research and scientific publication, University of Padua, Italy).

International Research Expertise and clinical trials:

- Enroll -HD: A Prospective Registry Study in a Global Huntington's Disease Cohort. NCT01574053. Sub-Investigator.
- A Clinical Study in Participants With Huntington's Disease (HD) to Assess Efficacy and Safety of Three Oral Doses of Laquinimod (LEGATO-HD). NCT02215616. Sub-Investigator.
- A Study Evaluating if Pridopidine is Safe, Efficacious, and Tolerable in Patients With Huntington's Disease (Open PRIDE-HD). NCT02494778. Sub-Investigator.
- A Study Comparing Efficacy of Levodopa-Carbidopa Intestinal Gel/Carbidopa-Levodopa Enteral Suspension and Optimized Medical Treatment on Dyskinesia in Subjects With Advanced Parkinson's Disease (DYSCOVER). NCT02799381. Sub-Investigator.
- An Observational Study on Safinamide, Rasagiline and Other Standard of Care in PD (SUCCESS). NCT03994328. **Principal Investigator.**
- Ruolo Della Citicolina Nella Terapia di Supporto Nella Malattia di Parkinson - (CITIPARK) Studio di Efficacia Post Autorizzativo (PAES) EudraCT: 2014-005562-30. **Principal investigator.**
- Studio osservazionale sull'opicapone in pazienti con malattia di Parkinson e fluttuazioni motorie di recente insorgenza nella pratica clinica italiana REONPARK-IT. **Principal investigator.**
- Principal investigator of **investigator-initiated studies** and trials on neuromodulation in movement disorders, and remote patient monitoring (RPM) with wearables in movement disorders.

Editorial Boards:

- **Guest editor** for the international peer review journal “Brain and Behavior” for the special issue Genetic, Clinical, and Therapeutic Dimensions of Huntington’s Disease (up to Jan 2026).
- **Review editor** and Topic Editor for the international peer review journals of the “Frontiers in Neurology” group.
- **Guest Editor** for MDPI Sensors (Basel) Journal for the special issue “Advanced Wearable Sensors and Other Sensing Technologies for Diagnosis and Treatment of Parkinson's Disease and Movement Disorders”
- **Guest Editor** for MDPI Brain Science for the special issue “Application of Invasive and Non-Invasive Brain Stimulation Techniques in Neurological Disorders”.

Professional skills:

- Clinical neurology with a focus on the management of movement disorders.
 - **Diagnostics and therapeutics** of Parkinson's disease, tremor, dystonia and other movement disorders.
 - **Deep Brain Stimulation programming** for movement disorders.
 - **Neurophysiology Intra Operative Monitoring (IOM)** for Deep Brain Stimulation neurosurgery.
 - **Management of Infusion Pumps** (levodopa carbidopa intestinal gel, foslevodopa/foscarbidopa subcutaneous infusion, apomorphine subcutaneous infusion).
 - **Botulinum Toxin Injections** for on label and off label use including spasticity, dystonia (blepharospasm, cervical dystonia, focal limb and axial dystonia, spasmodic dysphonia), hemifacial spasm, drooling, hyperhidrosis, pain and headache.
 - Use of muscle and nerve **ultrasounds** and electromyography for guiding botulinum toxin injections.
 - **Counselling for genetic diagnosis** of movement disorders including Huntington disease.
- Management of datasets (eg., Excel, RedCap) and **software for biostatistics** (e.g., SPSS, JMP, R software).
- **Clinical and research group leadership**, currently working in a multidisciplinary team (including 1 post-doc neurologist, 3 neuroscience PhD students, 1 geriatrician, 1 psychologist) with a focus on movement disorders.
- Execution of **skin biopsies** for fibroblasts and iPSCs culturing.
- Experience in **scientific direction and teaching** in educational courses on therapies in Parkinson's disease, neurophysiology intraoperative monitoring for deep brain stimulation and on the use of Botulinum Neurotoxin in movement disorders, including cadaver labs.
- Experience in **laboratory activity** including animal experiments.
- Experience in counselling for the **development of pharmaceutical products** in neurosciences.

Publications:

A. Original, Peer Reviewed Articles:

1. De Bartolo MI, Belvisi D, Costanzo M, Caturano C, Bellomi FE, Cutrona C, Aiello F, Leodori G, **Marano M**, Mancinelli R, Conte A, Fabbrini G, Berardelli A, Vivacqua G. Longitudinal Study of Salivary Biomarkers in the Definition of Clinico-Molecular Progression of Parkinson's Disease. *Ann Clin Transl Neurol*. 2025 Sep 27. doi: 10.1002/acn3.70178.
2. Sergi G, Yekutieli Z, Meloni M, Bianchini E, Vivacqua G, Di Lazzaro V, **Marano M**. Sympathetic Burden Measured Through a Chest-Worn Sensor Correlates with Spatiotemporal Gait Performances and Global Cognition in Parkinson's Disease. *Sensors (Basel)*. 2025 Sep 16;25(18):5756. doi: 10.3390/s25185756.
3. Longo C, Liccari M, Bacchin R, Papagno C, Ottaviani D, Di Giacopo R, Catalan M, Menichelli A, **Marano M**, Di Fonzo A, Duro G, Zizzo C, Manganotti P, Giometto B, Malaguti MC. Distinctive cognitive phenotypes in Parkinson's disease patients with GBA mutations and without dementia: a multicentre cross-sectional retrospective study. 2025. <https://doi.org/10.1016/j.prdoa.2025.100365>
4. Cilia R, Colucci F, Cereda E, Elia AE, Leta V, Barca S, Zibetti M, Carecchio M, Bonvegna S, Calandra-Buonaura G, Cerroni R, De Micco R, Tamburin S, Magistrelli L, Lena F, Mascia MM, Picillo M, Cossu G, **Marano M**, ..., Eleopra R. Effects of GBA1 Variants in Patients With Parkinson's Disease and Levodopa-

- Carbidopa Intestinal Gel: A Nation-Wide, Multicenter, Longitudinal, "Real-World" Study. The EPIC Study. *Eur J Neurol*. 2025 Jul;32(7):e70179.
5. **Marano M**, Tinkhauser G, Anzini G, Leogrande G, Ricciuti R, Paniccia M, Belli A, Pierleoni P, Di Lazzaro V, Raggiunto S. Subthalamic beta power and gait in Parkinson's disease during unsupervised remote monitoring. *Parkinsonism Relat Disord*. 2025 Jun 6:107903. doi: 10.1016/j.parkreldis.2025.107903.
 6. Ricciuti RA, Ottaviani MM, Mancini F, Liverotti V, Marruzzo D, **Marano M**, Barbieri F, Paracino R, Pagano S, Di Lazzaro V, Dobran M. Long-term infective complications of deep brain stimulation in Parkinson's disease: A 22-year follow-up. *Clin Park Relat Disord*. 2025 Apr 26;12:100335. doi: 10.1016/j.prdoa.2025.100335.
 7. Anania M, Giacomarra M, D'Errico A, **Marano M**, Tartaglione I, Spada M, Pagliardini V, De Paolis MR, Giuffrida G, Duro G, Di Chiara T, Francofonte D, Marsana EM, Colomba P, Duro G, Zizzo C. Identification of Novel Mutations in Patients Affected by Gaucher Disease. *Int J Mol Sci*. 2025 Apr 21;26(8):3918.
 8. Cruciani A, Anzini G, Magliozzi A, Musumeci G, Corp DT, Altavista MC, Di Lazzaro V, **Marano M**. Changes in the thalamocortical component of high frequency oscillations following botulinum toxin treatment in cervical dystonia. *Clin Neurophysiol*. 2025 Apr 20:S1388-2457(25)00561-9. doi: 10.1016/j.clinph.2025.03.048.
 9. Norata D, Capone F, Motolese F, **Marano M**, Rossi M, Calandrelli R, Sacchetti M, Mantelli F, Di Lazzaro V, Pilato F. 1953-2023. Seventy Years of the Nerve Growth Factor: A Potential Novel Treatment in Neurological Diseases? *Aging Dis*. 2025 Mar 14. doi: 10.14336/AD.2024.0573.
 10. Ricciuti RA, Ottaviani MM, Mancini F, **Marano M**, Marruzzo D, Barbieri F, Paracino R, De Domenico P, Pagano S, Di Lazzaro V, Dobran M. Deep brain stimulation in Parkinson's disease: a comparison of accuracy and clinical outcomes of frame-based, frameless and frameless fiducial-less techniques. *Neurol Sci*. 2025 Mar 13. doi: 10.1007/s10072-025-08102-0.
 11. **Marano M**, Sergi G, Magliozzi A, Bressi F, Bravi M, Laudisio A, Pedone C, Karlinski K, Yekutieli Z, Di Lazzaro V. Fear of falling impairs spatiotemporal gait parameters, mobility, and quality of life in Parkinson's disease: a cross-sectional study. *Neurol Sci*. 2025 Jan 22. doi: 10.1007/s10072-025-08005-0.
 12. Capone F, Motolese F, Cruciani A, Rossi M, Musumeci G, Norata D, **Marano M**, Pilato F, Di Lazzaro V. The effects of transcutaneous auricular vagus nerve stimulation (taVNS) on cholinergic neural networks in humans: A neurophysiological study. *Clin Neurophysiol*. 2025 Jan;169:47-52
 13. **Marano M**, Magee R, Blasi F, Anzini G, Ricciuti R, Ottaviani MM, Di Lazzaro V. An open-label pilot study of non-invasive cervical vagus nerve stimulation in essential tremor. *Brain Stimulation*. 2024; 17(6):1283-1285.
 14. **Marano M**, Esposito M, Sergi G, Proietti F, Bonura A, Toro S, Magliozzi A, Anzini G, Di Lazzaro V. Driving Abilities and Wearing-Off in Parkinson's Disease: A Driving Simulation Study. *Brain Sciences*. 2024; 14(11):1072.
 15. Rosina M, Veltri F, Nesci V, Bissacco J, Bovenzi R, Mascioli D, Simonetta C, Zenuni H, Maftai D, **Marano M**, Pierantozzi M, Stefani A, Chiurchiù V, Longone P, Valle C, Mercuri NB, Ferri A, Schirinzi T. Immunometabolic Signature and Tauopathy Markers in Blood Cells of Progressive Supranuclear Palsy. *Mov Disord*. 2024 Sep 16. doi: 10.1002/mds.30009. Epub ahead of print. PMID: 39283273.
 16. Proietti F, Pontani M, Pepe A, Magliozzi A, Toro S, Anzini G, Albergo G, Ricciuti R, Di Lazzaro V, **Marano M**. Body image appearance in Parkinson's disease patients on device aided therapies. *Neurol Sci*. 2024 Sep 13. doi: 10.1007/s10072-024-07753-9.

17. Ruotolo G, D'Anzi A, Giovenale AMG, Giacometti C, Ferrari D, Vulcano E, D'Asdia C, Lattante S, Sabatelli M, Codazzi F, Consalez G, **Marano M**, Di Lazzaro V, Pennuto M, Vescovi A, Rosati J. Induced pluripotent stem cell production (CSSi019-A)(14432) from an asymptomatic subject carrying a expansion of C9orf72 gene. *Stem Cell Res.* 2024 Aug 22;81:103540. doi: 10.1016/j.scr.2024.103540.
18. Salfi F, Toro S, Saporito G, Sucapane P, **Marano M**, Montaruli G, Cacchio A, Ferrara M, Pistoia F. Facial emotion recognition and judgment of affective scenes in Parkinson's disease. *Heliyon.* 2024 Jun 13;10(12):e32947.
19. **Marano M**, Suppa A, Palmieri MG, Cecconi E, Frisullo G, Bovenzi R, Riso V, Anzini A, Brienza M, Anticoli S, Crupi D, Giovannelli M, Massimiani A, Rinalduzzi S, Morena E, Massara MC, Cupini L, Bressi F, Pilato F, Maggi L, Sauchelli D, Iezzi E, Centonze D, Aprile I, Di Lazzaro V, Toni D, Altavista MC; COLOSSEO study group. Comprehensive Observational and Longitudinal study on the Outbreak of Stroke-related Spasticity focusing on the Early Onset management with Botulinum NeuroToxin (COLOSSEO-BoNT): protocol for a real-world prospective observational study on upper limb spasticity. *BMJ Open.* 2024 Jul 1;14(6):e085484. doi: 10.1136/bmjopen-2024-085484.
20. **Marano M**, Altavista MC, Cassetta E, Brusa L, Viselli F, Denaro A, Ventriglia M, Peppe A. The influence of sex on non-motor wearing-off in Parkinson's disease: A WORK-PD post-hoc study. *Neurosci Lett.* 2024 Jun 7:137850. doi: 10.1016/j.neulet.2024.137850.
21. Casamassa A, Rotundo G, Ceresoni C, Turco EM, Torrente I, Candido O, Nicita F, Tonduti D, Bertini E, **Marano M**, Ferrari D, Cereda C, Pennuto M, Vescovi AL, Carelli S, Rosati J. Production of an induced pluripotent stem cell line CSSi018-A (14192) from a patient with hypomyelinating leukodystrophy 7 (HLD7) carrying biallelic variants of POLR3A (c.1802 T > A; c.4072G > A). *Stem Cell Res.* 2024 Jun 6;78:103468. doi: 10.1016/j.scr.2024.103468.
22. **Marano M**, Zizzo C, Malaguti MC, Bacchin R, Cavallieri F, De Micco R, Spagnolo F, Bentivoglio AR, Schirinzi T, Bovenzi R, Ramat S, Erro R, Sorrentino C, Sucapane P, Pilotto A, Lupini A, Magliozzi A, Di Vico I, Carecchio M, Bonato G, Cilia R, Colucci F, Tamma F, Caputo E, Mostile G, Arabia G, Modugno N, Zibetti M, Ceravolo MG, Tambasco N, Cossu G, Valzania F, Manganotti P, Di Lazzaro V, Zappia M, Fabbrini G, Tinazzi M, Tessitore A, Duro G, Di Fonzo A. Increased glucosylsphingosine levels and Gaucher disease in GBA1-associated Parkinson's disease. *Parkinsonism Relat Disord.* 2024 Jun 1;124:107023. doi: 10.1016/j.parkreldis.2024.107023.
23. **Marano M**, Todisco A, Fattori S, Valente MS, Di Loreto MV, Fantozzi IC, Albergo G, Nusca A, Napoli N, Di Lazzaro V. Combining conventional and smartphone technologies to evaluate the psychomotor status in chronic malnutrition: A cross-sectional pilot study in sub-Saharan Africa. *J Clin Neurosci.* 2024 Jul;125:141-145. doi: 10.1016/j.jocn.2024.05.031.
24. **Marano M**, Pilotto A, Padovani A, Gupta D, Vivacqua G, Magliozzi A, Di Lazzaro V, Carta M, Meloni M. The chronic use of serotonin norepinephrine reuptake inhibitors facilitates dyskinesia priming in early Parkinson's disease. *J Neurol.* 2024 May 8. doi: 10.1007/s00415-024-12400-6. Epub ahead of print. PMID: 38720139.
25. Migliore S, Toro S, Proietti F, Magliozzi A, Anzini G, Pistoia F, Di Lazzaro V, Curcio G, **Marano M**. Emotional atypical arousal ratings for unpleasant stimuli in patients with Parkinson's disease. *Neurol Sci.* 2024 Mar 14. doi: 10.1007/s10072-024-07434-7.
26. Pozzilli V, Toro S, Tabacco G, Naciu AM, Palermo A, Di Lazzaro V, **Marano M**. Restless leg syndrome as a complication of primary hyperparathyroidism: insights

- from a retrospective study. *Neurol Sci.* 2024 May;45(5):2325-2329. doi: 10.1007/s10072-024-07342-w.
27. **Marano M**, Anzini G, Saltarocchi L, Ricciuti R, Capone F, Tan H, Torrecillos F, Lanzzone J, Di Lazzaro V. Left Vagus Stimulation Modulates Contralateral Subthalamic β Power Improving the Gait in Parkinson's Disease. *Mov Disord.* 2023 Dec 18. doi: 10.1002/mds.29690.
 28. Peyronel F, Haroche J, Campochiaro C, Pegoraro F, Amoura Z, Tomelleri A, Mazzariol M, Papo M, Cavalli G, Benigno GD, Fenaroli P, Grigoratos C, Mengoli MC, Bonometti A, Berti E, Savino G, Cives M, Neri I, Pacinella G, Tuttolomondo A, **Marano M**, Muratore F, Manfredi A, Broccoli A, Zinzani PL, Didona B, Massacesi C, Buono A, Ammirati E, Di Lernia V, Dagna L, Vaglio A, Cohen-Aubart F. Epidemiology and geographic clustering of Erdheim-Chester disease in Italy and France. *Blood.* 2023 Dec 14;142(24):2119-2123. doi: 10.1182/blood.2023021670.
 29. **Marano M**, Rosati J, Magliozzi M, Rappa A, Casamassa A, Rappa A, Sergi G, Iannizzotto M, Yekutieli Z, Vescovi AL, Di Lazzaro V. Circadian profile, daytime activity, and the Parkinson's phenotype: A motion sensor pilot study with neurobiological underpinnings. *Neurobiol Sleep Circadian Rhythms.* 2023 Mar 26;14:100094. doi: 10.1016/j.nbscr.2023.100094.
 30. **Marano M**, Suppa A, Bono F, Eleopra R, Altavista MC; Italian Botulinum Toxin Network — study group of Italian Society of Neurology. Botulinum toxin in clinical practice: state of the art of administration provisions in Italy. *Neurol Sci.* 2023 Feb 23. doi: 10.1007/s10072-023-06693-0. Epub ahead of print. PMID: 36820989.
 31. **Marano M**, Pozzilli V, Magliozzi A, Tabacco G, Naciu AM, Palermo A, Di Lazzaro V. Leg restlessness and hyperparathyroidism in Parkinson's disease, a further clue to RLS pathogenesis? *Front. Neurol.* 2023; 14:1113913. doi: 10.3389/fneur.2023.1113913
 32. Meloni M, Agliardi C, Guerini FR, Zanzottera M, Bolognesi E, Picciolini S, **Marano M**, Magliozzi A, Di Fonzo A, Arighi A, Fenoglio C, Franco G, Arienti F, Saibene FL, Navarro J, Clerici M. Oligomeric α -synuclein and tau aggregates in NDEVs differentiate Parkinson's disease from atypical parkinsonisms. *Neurobiol Dis.* 2023 Jan;176:105947. doi: 10.1016/j.nbd.2022.105947.
 33. Torrecillos F, Tan H, Brown P, Capone F, Ricciuti R, Di Lazzaro V, **Marano M**. Non-invasive vagus nerve stimulation modulates subthalamic beta activity in Parkinson's disease. *Brain Stimul.* 2022 Nov;15(6):1513-1516. doi: 10.1016/j.brs.2022.11.006.
 34. Pozzilli V, **Marano M**, Magliozzi A, Mallio CA, Marruzzo D, Barbieri FR, Di Lazzaro V, Ricciuti RA. Deep brain stimulation of the dentato-rubro-thalamic tract in a case of Holmes tremor: a constrained spherical deconvolution (CSD)-guided procedure. *Neurol Sci.* 2023 Jan;44(1):411-415. doi: 10.1007/s10072-022-06514-w.
 35. Cruciani A, Lanzzone J, Musumeci G, Di Lazzaro V, **Marano M**. Focal vibrations enhance somatosensory facilitation in healthy subjects: A pilot study on Equistasi[®] and high-frequency oscillations. *Front Neurol.* 2022 Nov 23;13:1052989. doi: 10.3389/fneur.2022.1052989.
 36. Pesce A, Palmieri M, Scattolin A, Guerrini F, Czosnyka M, Czosnyka Z, **Marano M**, di Lazzaro V, Pompucci A, Iuliano L, Petrella G. Global Neurocognitive and Frontal Functions Analysis and Precision Intrathecal Pressure Measurement to Settle the Diagnostic Dilemma of the Normal Pressure Hydrocephalus: A Preliminary Experience. *World Neurosurg.* 2022 Sep 17:S1878-8750(22)01340-7. doi: 10.1016/j.wneu.2022.09.063.

37. **Marano M**, Anzini G, Musumeci G, Magliozzi A, Pozzilli V, Capone F, Di Lazzaro V. Transcutaneous Auricular Vagus Stimulation Improves Gait and Reaction Time in Parkinson's Disease. *Mov Disord*. 2022 Jul 21.
38. Capone F, Motolese F, Di Zazzo A, Antonini M, Magliozzi A, Rossi M, **Marano M**, Pilato F, Musumeci G, Coassin M, Di Lazzaro V. The effects of transcutaneous auricular vagal nerve stimulation on pupil size. *Clin Neurophysiol*. 2021 Jun 9;132(8):1859-1865.
39. **Marano M**, Motolese F, Rossi M, Magliozzi A, Yekutieli Z, Di Lazzaro V. Remote smartphone gait monitoring and fall prediction in Parkinson's disease during the COVID-19 lockdown. *Neurol Sci*. 2021 May 27:1–4.
40. Gatto EM, Walker RH, Gonzalez C, Cesarini M, Cossu G, Stephen CD, Balint B, Rodríguez-Violante M, Jankovic J, Morgante F, Jinnah HA; Rare Movement Disorders Study Group of the International Parkinson Disease, Movement Disorders Society. Worldwide barriers to genetic testing for movement disorders. *Eur J Neurol*. 2021 Jun;28(6):1901-1909.
41. Gupta DK, **Marano M**, Zweber C, Boyd J, Kuo SH. Prevalence and Relationship of Rest Tremor and Action Tremor in Parkinson's Disease. *Tremor and Other Hyperkinetic movements* 2020;10:58, 1–7.
42. Piano C, Bove F, Tufo T, Imbimbo I, Genovese D, Stefani A, **Marano M**, Peppe A, Brusa L, Cerroni R, Motolese F, Di Stasio E, Mazza M, Daniele A, Olivi A, Calabresi P, Bentivoglio AR; Lazio DBS Study Group. Effects of COVID-19 Lockdown on Movement Disorders Patients With Deep Brain Stimulation: A Multicenter Survey. *Front Neurol*. 2020;11:616550.
43. Motolese F, Magliozzi A, Puttini F, Rossi M, Capone F, Kerlinsky K, Stark-Inbar A, Yekutieli Z, Di Lazzaro V, **Marano M**. Parkinson's disease Patient Remote Monitoring during the COVID-19 Lockdown. *Front Neurol*. 2020 Oct 7;11:567413
44. **Marano M**, Pompucci A, Motolese F, et al. Normal Pressure Hydrocephalus in Down Syndrome: The Report of Two Cases. *Alzheimers Dis*. 2020;77(3):979-984.
45. **Marano M**, Gupta D, Motolese F, Rossi M, Luccarelli V, Altamura C, Di Lazzaro V. Excessive daytime sleepiness is associated to the development of swallowing impairment in a cohort of early stage drug naïve Parkinson's disease patients. *J Neurol Sci*. 2019 16;410:116626.
46. **Marano M**, Naranian T, di Biase L, Di Santo A, Poon YY, Arca R, Cossu G, Marano P, Di Lazzaro V, Fasano A. Complex dyskinesias in Parkinson patients on levodopa/carbidopa intestinal gel. *Parkinsonism Relat Disord*. 2019;69:140-146.
47. Di Stasio E, Di Simone E, Galetti A, Donati D, Guidotti C, Tartaglioni D, Chiarini M, **Marano M**, Di Muzio M, Cianfrocca C. Stress-related vulnerability and usefulness of healthcare education in Parkinson's disease: The perception of a group of family caregivers, a cross-sectional study. *Appl Nurs Res*. 2019:151186.
48. Mazzone P, Viselli F, Ferraina S, Giamundo M, **Marano M**, Paoloni M, Masedu F, Capozzo A, Scarnati E. High Cervical Spinal Cord Stimulation: A One Year Follow-Up Study on Motor and Non-Motor Functions in Parkinson's Disease. *Brain Sci*. 2019;9.
49. Mallio CA, Piervincenzi C, Gianolio E, Cirimele V, Papparella LG, **Marano M**, Quintiliani L, Aime S, Carducci F, Parizel PM, Quattrocchi CC. Absence of dentate nucleus resting-state functional connectivity changes in nonneurological patients with gadolinium-related hyperintensity on T(1) -weighted images. *J Magn Reson Imaging*. 2019.
50. Fusilli C, Migliore S, Mazza T, Consoli F, De Luca A, Barbagallo G, Ciammola A, Gatto E, Cesarini M, Etcheverry JL, Parisi V, Al-Oraimi M, Al Harasi S, Al Salmi Q, **Marano M**, Vonsattel JP, Sabatini U, Landwehrmeyer GB, Squitieri F;

- Biological and clinical manifestations of Juvenile Huntington's disease: a retrospective analysis. *Lancet Neurology*; 2018; 17:986-993
51. di Biase L, Summa S, Tosi J, Taffoni F, **Marano M**, Cascio Rizzo A, Vecchio F, Formica D, Di Lazzaro V, Di Pino G, Tombini M. Quantitative Analysis of Bradykinesia and Rigidity in Parkinson's Disease. *Front Neurol*. 2018; 9:121.
 52. Pelucchi S, Mariani R, Ravasi G, Pelloni I, **Marano M**, Tremolizzo L, Alessio M, Piperno A. Phenotypic heterogeneity in seven Italian cases of aceruloplasminemia. *Parkinsonism and Related Disorders*; 2018; 51:36-42
 53. Summa S, Tosi J, Taffoni F, Di Biase L, **Marano M**, Rizzo AC, Tombini M, Di Pino G, Formica D. Assessing bradykinesia in Parkinson's disease using gyroscope signals. *IEEE International Conference on Rehabilitation Robotics*; 2017; 2017:1556-1561.
 54. **Marano M**, Migliore S, Maffi S, Consoli F, De Luca A, Mazzante I, Squitieri F. Children with Mild CAG Repeat Expansion in HTT Gene Showing Psychiatric but not Neurological Presentation: Is It One More Shade of Huntington Disease? *Journal of Alzheimer's Disease and Parkinsonism*; 2017; 7: 335.
 55. Daldin M, Fodale V, Cariulo C, Azzollini L, Verani M, Martufi P, Spiezia MC, Deguire SM, Cherubini M, Macdonald D, Weiss A, Bresciani A, Vonsattel JG, Petricca L, Marsh JL, Gines S, Santimone I, **Marano M**, Lashuel HA, Squitieri F, Caricasole A. Polyglutamine expansion affects huntingtin conformation in multiple Huntington's disease models. *Scientific Reports*; 2017; 7; 5070.
 56. Sánchez-Castañeda C, de Pasquale F, Caravasso CF, **Marano M**, Maffi S, Migliore S, Sabatini U, Squitieri F. Resting-state connectivity and modulated somatomotor and default-mode networks in Huntington disease. *CNS Neuroscience and Therapeutics*. 2017; 23; 488-497.
 57. Sensi M, Cossu G, Mancini F, Pilleri M, Zibetti M, Modugno N, Quatraro R, Tamma F, Antonini A; ITALIAN LEVODOPA CARBIDOPA INTESTINAL GEL WORKING GROUP. Which patients discontinue? Issues on Levodopa/carbidopa intestinal gel treatment: Italian multicentre survey of 905 patients with long-term follow-up. *Parkinsonism and Related Disorders*. 2017; 38; 90-92.
 58. **Marano M**, Vespasiani Gentilucci U, Altamura C, Siotto M, Squitti R, Bucossi S, Quintiliani L, Migliore S, Greco F, Scarciolla L, Quattrocchi CC, Picardi A, Vernieri F. Altered metal metabolism in patients with HCV-related cirrhosis and hepatic encephalopathy; *Metabolic Brain Disease*; 2015; 30; 1445-1452.
 59. Siotto M, Pasqualetti P, **Marano M**, Squitti R. Automation of o-dianisidine assay for ceruloplasmin activity analyses: usefulness of investigation in Wilson's disease and in hepatic encephalopathy; *Journal of Neural Transmission*; 2014; 121; 1281-1286.

B. Letters and case reports:

1. **Marano M**, Toro S, Di Lazzaro V. Long term follow-up of MSA patients on 24 hour continuous LCIG infusion: a case series. *Parkinsonism Relat Disord*. 2025 Sep;138:107978. doi: 10.1016/j.parkreldis.2025.107978.
2. **Marano M**, Barbieri FR, Sucapane P, Pagano S, Marruzzo D, Di Lazzaro V, Ricciuti R. Screw bubbling with air embolism, an unusual complication of a frameless deep brain stimulation. *J Neurosurg Sci*. 2024 May 16. doi: 10.23736/S0390-5616.24.06241-6.
3. **Marano M**, Di Lazzaro V. Pursuing ear-wise stimulations for Parkinson's Disease: Pathways and parameters matters. *Parkinsonism Relat Disord*. 2024 Mar 3;106083. doi: 10.1016/j.parkreldis.2024.106083. Epub ahead of print. PMID: 38458833.
4. Magliozzi A, Crupi D, Pezzella FR, Anticoli S, **Marano M**, Mangiardi M. Multiple faces of the stroke: when it is a mimic. *Minerva Cardiol Angiol*. 2023; 71:126-127.

5. **Marano M.** Reserpine induced parkinsonism, a hidden threat of herbal medicine. *Neurol Sci.* 2022 Dec 26. doi: 10.1007/s10072-022-06578-8.
6. **Marano M,** Fasano A. Subthalamic Nucleus Deep Brain Stimulation as Rescue Therapy for Levodopa Carbidopa Intestinal Gel-Associated Biphasic-Like Dyskinesias. *Mov Disord Clin Pract.* 2021 Jul 19;8(7):1155-1156.
7. Motolese F, Di Lazzaro V, **Marano M.** The need of reliable warning signs for dysphagia in Parkinson's disease: an often-overlooked issue. *Expert Rev Gastroenterol Hepatol.* 2020 Dec;14(12):1227-1228.
8. Motolese F, Pezzella FR, **Marano M,** Di Lazzaro V, Anticoli S. Post-stroke hyperkinetic movement disorders: a brain network issue. *Neurol Sci.* 2020 Oct 16.
9. Castiello G, Mallio CA, Altamura C, **Marano M,** Crescenzi A, Beomonte Zobel B, Quattrocchi CC, Di Lazzaro V. Bilateral MCP Infarct Due to Vertebral Giant Cell Arteritis. *J Stroke Cerebrovasc Dis.* 2020 Nov 4;30(1):105430.
10. **Marano M,** Bove F, Ricci L, et al. Seizures in Hereditary Aceruloplasminemia. *Can J Neurol Sci.* 2020;1-9.
11. **Marano M,** Brunelli C, De Marco C, et al. Neuroimages and Neuropathology of a stroke-like cerebral lymphomatoid granulomatosis. *Can J Neurol Sci.* 2020;1-5.
12. Motolese F, Gupta D, **Marano M.** Excessive daytime sleepiness and dysphagia in Parkinson's disease, from the assessment of a risk to a pathophysiological landscape. *J Neurol Sci.* 2020;413:116882.
13. Todisco A, Cavaliere C, Vaglio A, **Marano M,** et al. Erdheim-Chester disease: A challenging diagnosis for an effective therapy. *Clin Neurol Neurosurg.* 2020;194:105841.
14. **Marano M,** Motolese F, Lanzone J, Di Santo A, Rossi M, Bevacqua MG, Ranieri F, Capone F, Gatto EM, Di Lazzaro V. Pseudoagoraphobia, a diagnostic clue in stiff-limb syndrome. *Mov Dis Clin Pract.* 2020
15. **Marano M,** Todisco A, Motolese F, Quattrocchi CC, Crescenzi A, Cirillo G, Di Lazzaro V. Choreo-Athetosis and Ataxia as Leading Features in a Case of Erdheim-Chester Disease. *Mov Dis Clin Pract.* 2019
16. **Marano M,** Lanzone J, di Biase L, Pepe A, Di Santo A, Di Lazzaro V. A rare cause of axial worsening in Parkinson's disease: A case of myasthenic pseudo-parkinsonism. *Clin Neurol Neurosurg.* 2019;179:1-3.
17. **Marano M,** Migliore S, Squitieri F, Insola A, Scarnati E, Mazzone P. CM-Pf deep brain stimulation and the long term management of motor and psychiatric symptoms in a case of Tourette syndrome. *J Clin Neurosci.* 2019;62:269-272.
18. **Marano M,** Motolese F, Consoli F, De Luca A, Di Lazzaro V. Paroxysmal Dyskinesias in a PRRT2 Mutation Carrier. *Tremor Other Hyperkinet Mov (N Y).* 2018;8:616.
19. **Marano M,** Pizzicannella M, di Biase L, Rea R, Di Santo A, Martino M, Andrisani G, Pandolfi M, Di Matteo FM, Di Lazzaro V. Jejunal pulling syndrome: A peculiar LCIG complication. *Parkinsonism Relat Disord.* 2018; 52; 113-114
20. **Marano M,** Capone F, Motolese F, Tombini M, Di Lazzaro V. Teaching NeuroImages: Sleep-related periodic breathing in acquired central sleep apnea. *Neurology;* 2018; 91; e1001-e1002.
21. **Marano M,** Salomone G, di Biase L, Di Lazzaro V. Teaching Video NeuroImages: Running into a "useless" hand. *Neurology.* 2017; 89; e55.
22. **Marano M,** di Biase L, Salomone G, Di Santo A, Montiroli A, Di Lazzaro V. The Clinical Course of a Drug-induced Acute Dystonic Reaction in the Emergency Room. *Tremor Other Hyperkinet Mov (N Y).* 2016; 6; 436.

23. Sciacca S, Favellato M, Madonna M, Metro D, **Marano M**, Squitieri F. Early enteric neuron dysfunction in mouse and human Huntington disease. *Parkinsonism and Related Disorders*. 2017; 34; 73-74.
24. di Biase L, Assenza G, Iorio R, Melgari JM, Salomone G, **Marano M**, Muda AO, Di Lazzaro V; Efficacy of oral corticosteroids therapy in anti-glutamic acid decarboxylase antibodies cerebellar ataxia. *Parkinsonism and Related Disorders*. 2016; 30; 78-80
25. **Marano M**, Salomone G, di Biase L, Di Lazzaro V, Melgari JM; Reply to letter: Dopamine dysregulation syndrome in Parkinson's disease patients on levodopa-carbidopa intestinal gel; *Parkinsonism and Related Disorders*; 2016; 25; 114-5.
26. Salomone G, **Marano M**, di Biase L, Melgari JM, Di Lazzaro V; Dopamine dysregulation syndrome and puniding in levodopa-carbidopa intestinal gel (LCIG) infusion: A serious but preventable complication; *Parkinsonism and Related Disorders*; 2015; 21; 1124-1125.
27. Melgari JM, **Marano M**, Quattrocchi CC, Piperno A, Arosio C, Frontali M, Nuovo S, Siotto M, Salomone G, Altavilla R, di Biase L, Scrascia F, Squitti R, Vernieri F; Movement disorders and brain iron overload in a new subtype of aceruloplasminemia; *Parkinsonism and Related Disorders*; 2015; 21; 658-660.
28. Melgari JM, Salomone G, di Biase L, **Marano M**, Scrascia F, Di Lazzaro V; Dyskinesias during levodopa-carbidopa intestinal gel (LCIG) infusion: Management in clinical practice; *Parkinsonism and Related Disorders*; 2015; 21; 327-328.
29. **Marano M**, Quattrocchi C, Annibali O, Avvisati G, Di Lazzaro V; Recurrent large volume silent strokes in sickle cell disease; *Journal of Stroke and Cerebrovascular Diseases*; 2014; 23; e453-455.

C. Reviews:

1. Proietti F, Ottaviani MM, Burchi E, Vivacqua, G, Anzini G, Ricciuti RA, Capone F, Macefield VG, Di Lazzaro V, **Marano M**. Vagus Nerve Stimulation in Movement Disorders, from Principles to a Systematic Review of Evidence. *Mov Disord*, 2025. doi:10.1002/mds.70044
2. Motolese F, Ferrante M, Rossi M, Magliozzi A, Sbarra M, Ursini F, **Marano M**, Capone F, Travaglino F, Antonelli Incalzi R, Di Lazzaro V, Pilato F. Posterior Reversible Encephalopathy Syndrome and brain haemorrhage as COVID-19 complication: a review of the available literature. *J Neurol*. 2021 Dec;268(12):4407-4414. doi: 10.1007/s00415-021-10709-0.
3. Delgado-Alvarado M, **Marano M**, Santurtún A, Urtiaga-Gallano A, Tordesillas-Gutierrez D, Infante J. Nonpharmacological, Nonsurgical Treatments for Freezing of Gait in Parkinson's Disease: A Systematic Review. *Mov Disord*. 2019
4. Assenza G, Capone F, di Biase L, Ferreri F, Florio L, Guerra A, **Marano M**, Paolucci M, Ranieri F, Salomone G, Tombini M, Thut G, Di Lazzaro V. Corrigendum: Oscillatory Activities in Neurological Disorders of Elderly: Biomarkers to Target for Neuromodulation. *Frontiers in Aging Neuroscience*; 2017; 9; 252.
5. Di Lazzaro V, **Marano M**, Florio L, De Santis S; Niemann-Pick type C: focus on the adolescent/adult onset form; *International Journal of Neuroscience*; 2016; 126; 963-71.

Autorizzo il trattamento dei miei dati personali ai sensi della normativa vigente in materia di protezione dei dati personali e, in particolare, del Codice Europeo per la protezione dei dati personali 2016/679, del Decreto Legislativo n. 196 del 30/06/2003 e successive modifiche ed integrazioni

Rome, October 26th 2025
Dr Massimo Marano

