

Curriculum Vitae

Personal information **Marco Ceccanti**

Work experience

From Jun 15th 2023 National Academic Qualification as Associate Professor
Medical executive
From March 2022 Human Neuroscience department, Policlinico Umberto I of Rome- Referral centre for rare neuromuscular diseases
Medical executive
From Jan 2022-March 2022 Human Neuroscience department, Policlinico Umberto I of Rome, Neurocovid
Medical executive
From Dec 2021-Jan 2022 Human Neuroscience department, Policlinico Umberto I of Rome- Referral centre for rare neuromuscular diseases
Medical executive
From Nov 2021-Dec 2021 Emergency medicine department, Policlinico Umberto I of Rome
From Sep 2021-Nov 2021 Medical executive
Human Neuroscience department, Policlinico Umberto I of Rome

From Apr 2021-sep 2021 Medical executive
emergency medicine department, Policlinico Umberto I of Rome

From Jun 2019-Jun 2024 temporary researcher
Sapienza University of Rome
Research about rare neuromuscular diseases

Education and training

From 24 to 26 Nov 2019
Neuromuscular Masterclass
Munich, Germany
Masterclass about Pompe disease

From 17 to 18 Nov 2017
Multifocal Motor Neuropathy Masterclass 2017
Utrecht, Holland
Masterclass about Multifocal motorn neuropathy

From 01 Nov 2017 to feb 2021
PhD Student in Morphogenesis and tissue engineering
Sapienza University of Rome

Research about neuromuscular diseases PhD on 05 Feb 2021 with "Ottimo", raised with the thesis "Non motor neuron involvement in ALS". Supervisor Prof. M. Inghilleri

From 2015 to 2016
Advanced training course about "Clinical electromyography"
Sapienza University of Rome
Electromyography and other neurophysiologic techniques

Diploma
From 2013 to 2017
Resident in Neurology
Sapienza University of Rome by Policlinico Umberto I
Management of hospitalized patients, attendance of EMG, EEG and US laboratories. Diploma on 18 Jul 2017 with 70/70 and praise with the thesis "Modulation of corticospinal excitability by PAS stimulation on ALS patients: Riluzole effects". Supervisor Prof. M. Inghilleri

From 2012 to 2013
Resident in Neurology
Sapienza University of Rome by ICOT, Latin
Neurorehabilitation

From 2008 to 2011
Excellence course
Sapienza University of Rome
Deepening of medical topics for students with higher average grade in exams taken
Diploma of excellence course

From 2005 to 2011
Medicine and surgery faculty
Sapienza University of Rome
Degree with 110/110 and praise with thesis "Pilot study on the effects of deep repetitive transcranial magnetic stimulation on the craving of alcoholic patients"

Additional information

Publications

"H-coil repetitive transcranial magnetic stimulation for pain relief in patients with diabetic neuropathy"
Onesti E, Gabriele M, Cambieri C, Ceccanti M, Raccah R, Di Stefano G, Biasiotta A, Truini A, Zangen A, Inghilleri M. Eur J Pain. 2013 Oct;17(9):1347-56.

2. "Effects of intermittent theta burst stimulation on cerebral blood flow and cerebral vasomotor reactivity" Pichiorri F, Vicenzini E, Gilio F, Giacomelli E, Frasca V, Cambieri C, Ceccanti M, Di Piero V, Inghilleri M. J Ultrasound Med. 2012 Aug;31(8):1159-67.

3. "Chronic treatment with rivastigmine in patients with Alzheimer's disease: a study on primary motor cortex excitability tested by 5 Hz-repetitive transcranial magnetic stimulation" Trebbastoni A, Gilio F, D'Antonio F, Cambieri C, Ceccanti M, de Lena C, Inghilleri M. Clin Neurophysiol. 2012 May;123(5):902-9.

4. "NGF and BDNF long-term variations in the thyroid, testis and adrenal glands of a mouse model of fetal alcohol spectrum disorders" Ceccanti M, De Nicolò S, Mancinelli R, Chaldakov G, Carito V, Ceccanti M, Laviola G, Tirassa P, Fiore M. Ann Ist Super Sanita. 2013;49(4):383-90

5. "Prognostic factors of Bell's palsy: Multivariate analysis of electrophysiological findings". Mancini P, De Seta D, Prosperini L, Nicastrì M, Gabriele M, Ceccanti M, Sementilli G, Terella M, Bertoli G, Filipo R, Inghilleri M. Laryngoscope. 2014 Jun 10.

6. TNF-α and IL-10 modulation induced by polyphenols extracted by olive pomace in a mouse model of paw inflammation. Carito V, Ciafrè S, Tarani L, Ceccanti M, Natella F, Iannitelli A, Tirassa P, Chaldakov GN, Ceccanti M, Boccardo C, Fiore M. Ann Ist Super Sanita. 2015;51(4):382-6

7. "Cutaneous silent period recordings in demyelinating and axonal polyneuropathies". Lopercolo D, Isak B, Gabriele M, Onesti E, Ceccanti M, Capua G, Fionda L, Biasiotta A, Di Stefano G, La Cesa S, Frasca V, Inghilleri M. Clin Neurophysiol. 2015 Sep;126(9):1780-9.

8. "Afferent nerve ending density in the human laryngeal mucosa: potential implications on endoscopic evaluation of laryngeal sensitivity". Ruoppolo G, Schettino I, Biasiotta A, Roma R, Greco A, Soldo P, Marcotullio D, Patella A, Onesti E, Ceccanti M, Albino F, Giordano C, Truini A, De Vincentiis M, Inghilleri M. Dysphagia. 2015 Apr;30(2):139-44.

9. "Small-fibre neuropathy related to bulbar and spinal-onset in patients with ALS". Truini A, Biasiotta A, Onesti E, Di Stefano G, Ceccanti M, La Cesa S, Pepe A, Giordano C, Cruccu G, Inghilleri M. J Neurol. 2015 Apr;262(4):1014-8

10. Deep TMS on alcoholics: effects on cortisolemia and dopamine pathway modulation. A pilot study

11. . Ceccanti M, Inghilleri M, Attilia ML, Raccah R, Fiore M, Zangen A, Ceccanti M. Can J Physiol Pharmacol. 2015 Apr;93(4):283-90.

12. Spatial learning in men undergoing alcohol detoxification. Ceccanti M, Hamilton D, Coriale G, Carito V, Aloe L, Chaldakov G, Romeo M, Ceccanti M, Iannitelli A, Fiore M. Physiol Behav. 2015 Oct 1;149:324-30

13. Altered Cortical Synaptic Plasticity in Response to 5-Hz Repetitive Transcranial Magnetic Stimulation as a New Electrophysiological Finding in Amnesic Mild Cognitive Impairment Converting to Alzheimer's Disease: Results from a 4-year Prospective Cohort Study. Trebbastoni A, Pichiorri F, D'Antonio F, Campanelli A, Onesti E, Ceccanti M, de Lena C, Inghilleri M. Front Aging Neurosci. 2016 Jan 12;7:253.

14. Glutamate-Mediated Blood-Brain Barrier Opening: Implications for Neuroprotection and Drug Delivery. Vazana U, Veksler R, Pell GS, Prager O, Fassler M, Chassidim Y, Roth Y, Shahar H, Zangen A, Raccah R, Onesti E, Ceccanti M, Colonnese C, Santoro A, Salvati M, D'Elia A, Nucciarelli V, Inghilleri M, Friedman A. *J Neurosci*. 2016 Jul 20;36(29):7727-39.
15. Paternal alcohol exposure in mice alters brain NGF and BDNF and increases ethanol-elicited preference in male offspring. Ceccanti M, Coccurello R, Carito V, Ciafrè S, Ferraguti G, Giacobuzzo G, Mancinelli R, Tirassa P, Chaldakov GN, Pascale E, Ceccanti M, Codazzo C, Fiore M. *Addict Biol*. 2016 Jul;21(4):776-87.
16. A Novel Mutation in ABCA1 Gene Causing Tangier Disease in an Italian Family with Uncommon Neurological Presentation. Ceccanti M, Cambieri C, Frasca V, Onesti E, Biasiotta A, Giordano C, Bruno SM, Testino G, Lucarelli M, Arca M, Inghilleri M. *Front Neurol*. 2016 Nov 2;7:185.
17. Laryngeal Sensitivity in Patients with Amyotrophic Lateral Sclerosis. Ruoppolo G, Onesti E, Gori MC, Schettino I, Frasca V, Biasiotta A, Giordano C, Ceccanti M, Cambieri C, Greco A, Buonopane CE, Cruccu G, De Vincentiis M, Inghilleri M. *Front Neurol*. 2016 Nov 28;7:212.
18. Effects of visual deprivation on primary motor cortex excitability: a study on healthy subjects based on repetitive transcranial magnetic stimulation. Cambieri C, Iacovelli E, Gori MC, Onesti E, Ceccanti M, Frasca V, Inghilleri M. *Exp Brain Res*. 2017 Apr 1.
19. Dysphagia in Amyotrophic Lateral Sclerosis: Impact on Patient Behavior, Diet Adaptation, and Riluzole Management. Onesti E, Schettino I, Gori MC, Frasca V, Ceccanti M, Cambieri C, Ruoppolo G, Inghilleri M. *Front Neurol*. 2017 Mar 21;8:94.
20. Vitamin D in amyotrophic lateral sclerosis. Libonati L, Onesti E, Gori MC, Ceccanti M, Cambieri C, Fabbri A, Frasca V, Inghilleri M. *Funct Neurol*. 2017 Jan/Mar;32(1):35-40.
21. Atypical case of diaphragmatic pseudo myoclonus. Onesti E, Ceccanti M, Rubino A, Frasca V, Inghilleri M. *Parkinsonism Relat Disord*. 2017 Jun 27.
22. Acute Flaccid Paralysis by Enterovirus D68 Infection: First Italian Description in Adult Patient and Role of Electrophysiology. Ceccanti M, Sbardella E, Letteri F, De Michele M, Falcou A, Romanzi F, Onesti E, Inghilleri M. *Front Neurol*. 2017 Nov 27;8:638. IF 2017 3.552
23. Modulation of human corticospinal excitability by paired associative stimulation in patients with amyotrophic lateral sclerosis and effects of Riluzole. Ceccanti M, Onesti E, Rubino A, Cambieri C, Tartaglia G, Miscioscia A, Frasca V, Inghilleri M. *Brain Stimul*. 2018 Jul - Aug;11(4):775-781. IF 2018: 6.919
24. Repetitive transcranial magnetic stimulation for chronic neuropathic pain in patients with bladder pain syndrome/interstitial cystitis. Cervigni M, Onesti E, Ceccanti M, Gori MC, Tartaglia G, Campagna G, Panico G, Vacca L, Cambieri C, Libonati L, Inghilleri M. *Neurourol Urodyn*. 2018 May 24. IF 2018: 2.360
25. Short-Term Ultramicrosized Palmitoylethanolamide Therapy in Patients with Myasthenia Gravis: a Pilot Study to Possible Future Implications of Treatment. Onesti E, Frasca V, Ceccanti M, Tartaglia G, Gori MC, Cambieri C, Libonati L, Palma E, Inghilleri M. *CNS Neurol Disord Drug Targets*. 2019 Jan 31. IF 2019 2.761
26. Nerve high-resolution ultrasonography in tangier disease. Pasquale AD, Leonardi L, Fionda L, Vanoli F, Garibaldi M, Inghilleri M, Ceccanti M, Cambieri C, Onesti E, Antonini G. *Muscle Nerve*. 2019 Jan 24. IF 2019: 2.505
27. Neuromuscular magnetic stimulation counteracts muscle decline in ALS patients: results of a randomized, double-blind, controlled study. Musarò A, Dobrowolny G, Cambieri C, Onesti E, Ceccanti M, Frasca V, Pisano A, Cerbelli B, Lepore E, Ruffolo G, Cifelli P, Roseti C, Giordano C, Gori MC, Palma E, Inghilleri M. *Sci Rep*. 2019 Feb 26;9(1):2837 IF 2019 3.998
28. Heteronymous H reflex in temporal muscle as sign of hyperexcitability in ALS patients. Libonati L, Barone TF, Ceccanti M, Cambieri C, Tartaglia G, Onesti E, Petrucci A, Frasca V, Inghilleri M. *Clin Neurophysiol*. 2019 Aug;130(8):1455-1459. IF 2019: 3.214
29. Myoclonic epilepsy, parkinsonism, schizophrenia and left-handedness as common neuropsychiatric features in 22q11.2 deletion syndrome. Fanella M, Frascarelli M, Lambiase C, et al. *J Med Genet*. 2020;57(3):151 - 159. doi:10.1136/jmedgenet-2019-106223 IF 2020: 4.943
30. Muscle involvement in myasthenia gravis: Expanding the clinical spectrum of Myasthenia- Myositis association from a large cohort of patients. Garibaldi M, Fionda L, Vanoli F, et al *Autoimmun Rev*. 2020;19(4):102498. doi:10.1016/j.autrev.2020.102498 IF 2020: 7.767

31. Immune checkpoint inhibitors (ICIs)-related ocular myositis. Garibaldi M, Calabrò F, Merlonghi G, Pugliese S, Ceccanti M, Cristiano L, Tartaglione T, Petrucci A. *Neuromuscul Disord.* 2020 May;30(5):420-423. IF 3.115
32. Creatine Kinase and Progression Rate in Amyotrophic Lateral Sclerosis. Ceccanti M, Pozzilli V, Cambieri C, Libonati L, Onesti E, Frasca V, Fiorini I, Petrucci A, Garibaldi M, Palma E, Bendotti C, Fabrizio P, Trolese MC, Nardo G, Inghilleri M. *Cells.* 2020 May 8;9(5):1174. doi: 10.3390/cells9051174. IF2020: 4.366
33. I manuali professionali: Plasticità cerebrale nelle dipendenze patologiche. Stimolazione magnetica transcranica e realtà virtuale: indicazioni per la comprensione e l'intervento clinico integrato. Autore del capitolo XII: TMS nel trattamento della dipendenza da Alcol. Edizioni Publiedit
34. A case of acute motor and sensory axonal neuropathy mimicking brain death. Libonati L, Fiorini I, Cambieri C, Ceccanti M, Inghilleri M. *Neurol Sci.* 2021 Jun;42(6):2569-2573.
35. ATTRv in Lazio-Italy: A High-Prevalence Region in a Non-Endemic Country. Luigetti M, Guglielmino V, Antonini G, Casali C, Ceccanti M, Chiappini MG, De Giglio L, Di Lazzaro V, Di Muzio A, Goglia M, Inghilleri M, Leonardi L, Massa R, Pennisi EM, Petrucci A, Proietti E, Rispoli M, Sabatelli M, Di Girolamo M. *Genes (Basel).* 2021 May 28;12(6):829. doi: 10.3390/genes12060829.
36. Progression of Oropharyngeal Dysphagia in Amyotrophic Lateral Sclerosis: A Retrospective Cohort Study. Mariani L, Ruoppolo G, Cilfone A, Cocchi C, Preziosi Standoli J,
37. Longo L, Ceccanti M, Greco A, Inghilleri M. *Dysphagia.* 2021 Jul 23.
38. Bradykinesia in motoneuron diseases. Paparella G, Ceccanti M, Colella D, Cannavacciuolo A, Guerra A, Inghilleri M, Berardelli A, Bologna M. *Clin Neurophysiol.* 2021 Oct;132(10):2558- 2566
39. Validation of the DYALS (dysphagia in amyotrophic lateral sclerosis) questionnaire for the evaluation of dysphagia in ALS patients. Diamanti L, Borrelli P, Dubbioso R, Capasso M, Morelli C, Lunetta C, Petrucci A, Mora G, Volanti P, Inghilleri M, Tremolizzo L, Mandrioli J, Mazzini L, Vedovello M, Siciliano G, Filosto M, Matà S, Montomoli C; DYALS Study Group.
40. A novel homozygous mutation in TBK1 gene causing ALS-FTD. Libonati L, Ceccanti M, Cambieri C, Colavito D, Moret F, Fiorini I, Inghilleri M. *Neurol Sci.* 2022 Mar;43(3):2101-2104. doi: 10.1007/s10072-021-05820-z. Epub 2022 Jan 14.
41. Effects of Skin Stimulation on Sensory-Motor Networks Excitability: Possible Implications for Physical Training in Amyotrophic Lateral Sclerosis. Ceccanti M, Cambieri C, Libonati L, Tartaglia G, Moret F, Garibaldi M, Inghilleri M.
42. Classical and Unexpected Effects of Ultra-Micronized PEA in Neuromuscular Function. Cifelli P, Ruffolo G, Ceccanti M, Cambieri C, Libonati L, Palma E, Inghilleri M. *Biomolecules.* 2022 May 29;12(6):758. doi: 10.3390/biom12060758.
43. Effects of 3,4-diaminopyridine on myasthenia gravis: Preliminary results of an open-label study. Ceccanti M, Libonati L, Ruffolo G, Cifelli P, Moret F, Frasca V, Palma E, Inghilleri M, Cambieri C.
44. The Silent Period for Small Fiber Sensory Neuropathy Assessment in a Mixed Cohort of Transthyretin-Mediated Amyloidosis. Cambieri C, Libonati L, Moret F, Tartaglia G, Garibaldi M, Chimentì C, Inghilleri M, Ceccanti M. *Biomedicines.* 2022 Aug 24;10(9):2073. doi: 10.3390/biomedicines10092073.
45. Effect of RNS60 in amyotrophic lateral sclerosis: a phase II multicentre, randomized, double-blind, placebo-controlled trial. Beghi E, Pupillo E, Bianchi E, Bonetto V, Luotti S, Pasetto L, Bendotti C, Tortarolo M, Sironi F, Camporeale L, Sherman AV, Paganoni S, Scognamiglio A, De Marchi F, Bongioanni P, Del Carratore R, Caponnetto C, Diamanti L, Martinelli D, Calvo A, Filosto M, Padovani A, Piccinelli SC, Ricci C, Dalla Giacomina S, De Angelis N, Inghilleri M, Spataro R, La Bella V, Logroscino G, Lunetta C, Tarlarini C, Mandrioli J, Martinelli I, Simonini C, Zucchi E, Monsurro MR, Ricciardi D, Trojsi F, Riva N, Filippi M, Simone IL, Sorarù G, Spera C, Florio L, Messina S, Russo M, Siciliano G, Conte A, Saddi MV, Carboni N, Mazzini L; RNS60-ALS Study Group. *Eur J Neurol.* 2023 Jan;30(1):69-86. doi: 10.1111/ene.15573.
46. SMN Deficiency Destabilizes ABCA1 Expression in Human Fibroblasts: Novel Insights in Pathophysiology of Spinal Muscular Atrophy. Gabanella F, Onori A, Pisani C, Fiore M, Ferraguti G, Colizza A, de Vincentiis M, Ceccanti M, Inghilleri M, Corbi N, Passananti C, Di Certo MG. *Int J Mol Sci.* 2023 Feb 2; 4(3):2916. doi: 10.3390/ijms24032916.
47. Immune-mediated myogenesis and acetylcholine receptor clustering promote a slow disease progression in ALS mouse models. Margotta C, Fabrizio P, Ceccanti M, Cambieri C, Ruffolo G, D'Agostino J,

Trolese MC, Cifelli P, Alfano V, Laurini C, Scaricamazza S, Ferri A, Sorarù G, Palma E, Inghilleri M, Bendotti C, Nardo G. *Inflamm Regen*. 2023 Mar 9;43(1):19.

48. Unclassified clinical presentations of chronic inflammatory demyelinating polyradiculoneuropathy. Doneddu PE, Akyil H, Manganelli F, Briani C, Cocito D, Benedetti L, Mazzeo A, Fazio R, Filosto M, Cosentino G, Di Stefano V, Antonini G, Marfia GA, Inghilleri M, Siciliano G, Clerici AM, Carpo M, Schenone A, Luigetti M, Lauria G, Matà S, Rosso T, Minicuci GM, Lucchetta M, Cavaletti G, Liberatore G, Spina E, Campagnolo M, Peci E, Germano F, Gentile L, Strano C, Cotti Piccinelli S, Vegezzi E, Leonardi L, Mataluni G, Ceccanti M, Schirinzi E, Romozzi M, Nobile-Orazio E; Italian CIDP Database study group. *J Neurol Neurosurg Psychiatry*. 2023 Apr 4:jnnp-2022-331011.

49. Correction: Immune-mediated myogenesis and acetylcholine receptor clustering promote a slow disease progression in ALS mouse models. Margotta C, Fabbriozzi P, Ceccanti M, Cambieri C, Rufolo G, D'Agostino J, Trolese MC, Cifelli P, Alfano V, Laurini C, Scaricamazza S, Ferri A, Sorarù G, Palma E, Inghilleri M, Bendotti C, Nardo G. *Inflamm Regen*. 2023 Apr 19;43(1):25. doi

50. Does Patisiran Reduce Ocular Transthyretin Synthesis? A Pilot Study of Two Cases. Cambieri C, Marengo M, Colasanti T, Mancone C, Corsi A, Riminucci M, Libonati L, Moret F, Chimentì C, Lambiasi A, Conti F, Garibaldi M, Inghilleri M, Ceccanti M. *Curr Neuroparmacol*. 2023 Jun 23

51. Withdrawal of mechanical ventilation in amyotrophic lateral sclerosis patients: a multicenter Italian survey. Moglia C, Palumbo F, Veronese S; M. N. D. Italian Study Group; Calvo A. *Neurol Sci*. 2023 Jul 7.

52. Quantitative sensory testing and skin biopsy findings in late-onset ATTRv presymptomatic carriers: Relationships with predicted time of disease onset (PADO). Leonardi L, Costanzo R, Forcina F, Morino S, Antonini G, Salvetti M, Luigetti M, Romano A, Primiano G, Guglielmino V, Fionda L, Garibaldi M, Lauletta A, Rossini E, Tufano L, Ceccanti M, Esposito N, Falco P, di Pietro G, Truini A, Galosi E. *J Peripher Nerv Syst*. 2023 Sep;28(3):390-397.

53. Prominent mitochondrial pathology in a case of refractory dermatomyositis: coincidence or concause? Lauletta A, De Carolis L, Teresi V, Fionda L, Leonardi L, Ceccanti M, Costanzo R, Rossini E, Tufano L, Merlonghi G, Morino S, Garibaldi M. *Neurol Sci*. 2023 Aug 25

54. RNA Interference and Neuromuscular Diseases: A Focus on Hereditary Transthyretin Amyloidosis. Ceccanti M, Inghilleri M. *Curr Gene Ther*. 2023 Sep 13.

55. Serum neurofilament light chain: a promising early diagnostic biomarker for hereditary transthyretin amyloidosis? Romano A, Primiano G, Antonini G, Ceccanti M, Fenu S, Forcina F, Gentile L, Inghilleri M, Leonardi L, Manganelli F, Obici L, Sabino A, Sciarrone MA, Tozza S, Vitali F, Luigetti M. *Eur J Neurol*. 2023 Sep 19.

56. Genetics screening in an Italian cohort of patients with Amyotrophic Lateral Sclerosis: the importance of early testing and its implication. Libonati L, Cambieri C, Colavito D, Moret F, D'Andrea E, Del Giudice E, Leon A, Inghilleri M, Ceccanti M. *J Neurol*. 2023 Dec 19.

57. Assessment of diagnostic criteria for multifocal motor neuropathy in patients included in the Italian database. Doneddu PE, Gentile L, Cocito D, Fazio R, Luigetti M, Briani C, Filosto M, Siciliano G, Benedetti L, Antonini G, Matà S, Marfia GA, Inghilleri M, Manganelli F, Cosentino G, Brighina F, Carpo M, Carta F, Mazzeo A, Peci E, Strano C, Romano A, Campagnolo M, Cotti-Piccinelli S, Viola DV, Germano F, Leonardi L, Sperti M, Mataluni G, Ceccanti M, Spina E, Vegezzi E, Di Stefano V, Nobile-Orazio E. *Eur J Neurol*. 2024 Feb 20:e16248

58. Chronic inflammatory demyelinating polyneuropathy and HEV antibody status: A case-control study from Lazio, Italy. Moret F, Spada E, Ceccanti M, Libonati L, D'Andrea E, Villano U, Madonna E, Chionne P, Carocci A, Pisani G, Fionda L, Antonini G, Petrucci A, Bruni R, Ciccaglione AR, Taliani G, Rivano Capparuccia M, Nobile-Orazio E, Inghilleri M, Cambieri C.

J Neurol Sci. 2024 Apr 15;459:122959. doi: 10.1016/j.jns.2024.122959. Epub 2024 Mar 12.

59. MiR206 and 423-3p Are Differently Modulated in Fast and Slow-Progressing Amyotrophic Lateral Sclerosis Patients. Musarò A, Dobrowolny G, Cambieri C, Libonati L, Moret F, Casola I, Laurenzi G, Garibaldi M, Inghilleri M, Ceccanti M. *Neuromolecular Med*. 2024 Mar 15;26(1):5. doi: 10.1007/s12017-024-08773-6. PMID: 38491246

60. Emotion recognition in amyotrophic lateral sclerosis in a dynamic environment.

Ceccanti M, Libonati L, Moret F, D'Andrea E, Gori MC, Bersani FS, Inghilleri M, Cambieri C.

J Neurol Sci. 2024 May 15;460:123019. doi: 10.1016/j.jns.2024.123019. Epub 2024 Apr 16.

PMID: 38640582

61. Oxidative Stress in Transthyretin-Mediated Amyloidosis: An Exploratory Study.

Fiore M, Cambieri C, Libonati L, Moret F, D'Andrea E, Di Certo MG, Passananti C, Gabanella F, Corbi N, Garibaldi M, Chimenti C, Alfarano M, Ferraguti G, Francati S, Inghilleri M, Ceccanti M. *Antioxidants* (Basel). 2024 Aug 18;13(8):998. doi: 10.3390/antiox13080998.

PMID: 39199243 Free PMC article.

Projects

- TANGO- CER-001-CLIN-009. Phase III, multi-center, randomized, 48 weeks, double-blind, parallel-group, placebo-controlled study to evaluate efficacy and safety of CER-001 on vessel wall area in patients with genetically defined familial primary hypoalphalipoproteinemia and receiving background optimized lipid therapy, with optional open-label safety extension
- CONVERGENCE: randomized, double-blind, parallel-group, placebo-controlled study to evaluate efficacy and safety of BIIB074 in patients with neuropathic pain from radiculopathy. Sponsor: Convergence Pharmaceuticals Ltd., a Biogen Company Maia Building Babraham Research Campus, Cambridge CB22 3AT, United Kingdom
- ALEXION: Phase 2 Study of Eculizumab (Soliris®) in Patients with Severe and Refractory Generalized. Myasthenia Gravis
- The Effect of RNS60 on ALS Biomarkers (RNS60): Multicenter, randomized, double-blind, placebo-controlled, parallel group, add-on phase II trial (8.11.18-3.12.20)
- Co-investigator for the study: A Phase III Study to Evaluate the Efficacy, Safety, and Tolerability of Immune Globulin Infusion 10%, IGI, 10% (Human) with Recombinant Human Hyaluronidase (HYQVIA/HyQvia) and Immune Globulin Infusion (Human) 10% (GAMMAGARD LIQUID/KIOVIG) for the Treatment of Chronic Inflammatory Demyelinating Polyradiculoneuropathy (CIDP) – 161403 (07.5.17-6.6.22)
- Subinvestigator in the study: R3918-MG-2018 (9.6.22-): efficacy and safety of Pozelimab and Cemdisiran combination therapy in patients with symptomatic generalized myasthenia gravis Competitive study for the treatment of the combination of drugs Pozelimab and Cemdisiran in patients suffering from Myasthenia generalized gravis
- Subinvestigator in the study: A phase 2, randomized, double-blind, placebo-controlled, multicenter study to evaluate the efficacy and safety of Pegcetacoplan in subjects with amyotrophic lateral sclerosis (ALS) (24.5.21-13.7.23)
- Subinvestigator in the study: A phase 2, randomized, double-blind, placebo-controlled, parallel study to assess the efficacy, safety, tolerability, PK, and biomarker effects of PTC857 in adult subjects with amyotrophic lateral sclerosis (CARDINALS) (28.4. 22-)

Memberships

Member of the Editorial Board of the international medical journal "Current Gene Therapy" (Impact Factor: 2.431), for the section "RNAi-Based Gene Therapy"

Member of the Italian study group on Amyotrophic Lateral Sclerosis, SIN

Member of the Italian study group on palliative care, SIN

GRANTS:

Winner of the AFM Téléthon 2023 International Grant as a member of the research group for the study entitled "Deconvoluting human ALS muscle environment by Spatial Transcriptomics".

Sapienza University Grant Winner 2020 as research group leader for the project "Screening of asymptomatic carriers for mutation of the transthyretin gene"

Sapienza University Grant Winner 2020 as research group leader for the project "Studying acetylcholine receptors and muscle regeneration in ALS to develop prognostic markers and potential therapies hampering disease progression"

Sapienza University Grant Winner 2019 as research group leader for the project "CK prognostic factor in fast and slow progressive amyotrophic lateral sclerosis"

Sapienza University Grant Winner 2019 as member of the research group for the project "Integrated endoscopic and electromyographic evaluation of the pathogenetic mechanisms underlying dysphagia in patients with neurodegenerative diseases and correlation of data with oral health and nasal respiratory function".

Winner of Sapienza University Grant 2019 as a member of the research group for the project "Analysis of the role of the endocannabinoid system and humoral cytokines in Amyotrophic Lateral Sclerosis. Evaluation of possible future therapeutic implications of endocannabinoids-like".

Winner of the award for best scientific content in the poster session of the SINC congress in 2012 (Preliminary data on deep repetitive Transcranial Magnetic Stimulation -Dr-TMS- in alcoholics: a new hope in alcohol addiction?) and 2016 (Impact of Riluzole on the effects of paired associative stimulation (PAS) on cortical excitability in ALS patients).

Winner of the "Città dei due fiumi" award for best scientific contribution to the "VIII giornate rodigine di coloproctologia Research & innovation academic forum", where he participated with the oral presentation entitled: "Repetitive transcranial magnetic stimulation as a therapy for bladder pain syndrome: preliminary data and possible applications for chronic pelvic pain" (2017).

Scientific conference:

He presented the poster "Preliminary data on deep repetitive Transcranial Magnetic Stimulation (Dr-TMS) in alcoholics: a new hope in alcohol addiction?", May 2012, Mantova.

Oral presentation "Monitoring and predictive role of compound motor action potential (cMAP) in amyotrophic lateral sclerosis", SINC 2012, Mantova

He presented the poster "Compound motor action potential (cMAP), forced vital capacity (FVC) and functional scales in ALS: neurophysiological studies", SIN 2012, Rimini.

He presented the poster "The effect of heseed-coil repetitive transcranial magnetic stimulation on painful diabetic neuropathy: a randomized placebo-controlled crossover study", SIN 2012, Rimini. Oral presentation "Effects of visual deprivation on primary motor cortex excitability of healthy subjects: a study with repetitive transcranial magnetic stimulation", SINC 2013, Florence.

He presented the poster "Strength and respiratory evaluation in ALS: a follow up study", SINC 2014, Milan.

Oral presentation "Neurologic dysphagia" on "Deglutologia meeting", November 2014, Milan

He presented the poster "An unusual case of familiar conduction block neuropathy", SINC2015, Verona.

He presented the poster "Impact of Riluzole on the effects of paired associative stimulation (PAS) on cortical excitability in ALS patients", SINC 2016, Latina

Oral presentation "Electrophysiology and other technique in the genito-sphincter disorders", "XVI corso residenziale di elettroencefalografia e tecniche correlate", Tirrenia, March 2017

He presented the poster "Acute flaccid paralysis by Enterovirus D68 infection: first Italian description on adult patient and role of electrophysiology", SINC 2017, Ferrara.

Oral presentation "Metabolic myopathies", "XIII congresso nazionale SIAM", Rome 10-11th November 2017

Oral presentation on Advanced training course about "Alcohol related disorders and other addictions", Sapienza University of Rome, November 2017

Oral presentation on "Autoimmune neuropathies", Master on "Rare diseases", Sapienza University of Rome, December 2017

Oral presentation "Electrophysiology and other technique in the genito-sphincter disorders" and "Electrophysiologic techniques in the evaluation of the the genito-sphincter finctions", "XVII corso residenziale di elettroencefalografia e tecniche correlate", Tirrenia, March 2018

He presented the poster: "CK prognostic factor in fast/slow progressive amyotrophic lateral sclerosis (ALS)", SIN 2018, Roma.

He presented the poster: "Short-term ultramicrostimulation-PEA therapy in patients with myasthenia gravis: a pilot study to evaluate possible future implications of treatment", SIN 2018, Roma.

Oral presentation: "Effetti della stimolazione magnetica transcranica profonda ripetitiva sul craving in pazienti alcolisti: studio pilota". Meeting: "La dipendenza alcolica: dalle basi neurobiologiche alle nuove strategie terapeutiche", Cagliari, November 10, 2018

Oral presentation "Disabilità e neurodegenerazione", III corso nazionale GISD, Disfagia e pluridisabilità: l'adulto e il bambino, Rimini, Maggio 2019.

Poster chosen for oral presentation: "Frequency spectral analysis of the electromyographic traces on the myotonic and neuromyotonic discharges", SINC Rome, June 2019

He participated to the 51th meeting SIN, Milan, November 2020

He presented the poster "Creatine kinase and progression rate in amyotrophic lateral sclerosis", AIM-ASNP, 2020, Digital edition (Matera).

Oral presentation "Electrophysiology and other technique in the genito-sphincter disorders", "XIX corso residenziale di elettroencefalografia e tecniche correlate", Tirrenia, October 2021

He participated to the on-field training project - improvement group -hATTR -NET, Rome November 24, 2021 and February 03, 2022

He participated as a speaker at the meeting "Ciociaria Cuore 2021 - Technological development in cardiovascular diseases" with the interview "Cardiac amyloidosis: between genetics, clinic and gene silencing", Ferentino, November 27, 2021

Speaker at the meeting "X Congresso nazionale La rete delle neurocardiologie", with the oral presentation: "La Cardiomiopatia amiloïdica. Un quadro clinico complesso che inizia dal Neurologo", Rome, February 24, 2023

Oral presentation "EMG in intensive care unit: indications and clinical picture", "XX corso residenziale di elettroencefalografia e tecniche correlate", Tirrenia, March 2023

Scientific coordinator of the meeting "Neuropatia delle piccole fibre: focus sulla tecnica di esecuzione della biopsia di cute", Rome 19-20 April 2023

He participated to the on-field training project - hATTR -Network amyloidosis, Rome May 4, 2023

Oral poster "The Silent Period for Small Fiber Sensory Neuropathy Assessment in a Mixed Cohort of Transthyretin-Mediated Amyloidosis", "XIII annual meeting of ASNP", Naples 25-27 May 2023

Poster "Involvement of blood-barrier-protected organs in systemic transthyretin amyloidosis", "XIII annual meeting of ASNP", Naples 25-27 May 2023

Poster "Involvement of blood-barrier-protected organs in systemic transthyretin amyloidosis", PNS 17-20 June 2023, Copenhagen

Poster "The Silent Period for Small Fiber Sensory Neuropathy Assessment in a Mixed Cohort of Transthyretin-Mediated Amyloidosis", PNS 17-20 June 2023, Copenhagen

Oral presentation: "Systemic amyloidosis: the neurologist's point of view" at the meeting "rare cardiomyopathies with hypertrophic phenotype: comparing experiences", Rome, June 22th 2023

Member of the scientific board in the meeting "Best practice nella gestione del paziente ATTRv", Bologna 5 December 2023

Speaker at the meeting "XI Congresso nazionale La rete delle neurocardiologie", with the oral presentation: "La polineuropatia amiloïdica: Le manifestazioni cliniche iniziali, i test diagnostici e lo studio dei familiari asintomatici. Come varia l'outcome in rapporto al tempo di inizio della terapia", Rome, March 7, 2024

Oral presentation "EMG in intensive care unit: indications and clinical picture", "XXI corso residenziale di elettroencefalografia e tecniche correlate", Pisa, March 2024

Scientific coordinator of the meeting "NeuroAcademy", Rome 14-15 May 2024

Oral presentation "Pain in amyotrophic lateral sclerosis", SINC 22th May 2024

He attended the XIX International Symposium on Amyloidosis – ISA-, Rochester, USA, 26th-30th May 2024

Other Relevant Information

Teaching in the rare disease Master, Sapienza University of Rome
 Teaching in the high formation course in clinical electromyography, Sapienza University of Rome