CURRICULUM VITAE

PROF. GIUSEPPE VITA Luogo e data di nascita: Messina, 2 gennaio 1952

Ordinario di Neurologia, Dipartimento di Medicina Clinica e Sperimentale, Università di Messina
Indirizzo: UOC di Neurologia e Malattie Neuromuscolari, AOU Policlinico "G. Martino", 98125 Messina
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FORMAZIONE

1976	Laurea in Medicina e Chirurgia (110/110 e lode), Università di Messina
1980	Specializzazione in Neurologia (50/50 e lode), Università di Messina
1989	Idoneità a Primario di Neurologia (100/100)

POSIZIONI

Dal 1994	Professore Ordinario di Neurologia, Università di Messina
2000-2009	Direttore dell'U.O.S. di Neurobiologia Clinica e Malattie Neuromuscolari, AOU Policlinico di Messina
Dal 2009	Direttore dell'U.O.C. di Neurologia e Malattie Neuromuscolari
2009-2016	Direttore del D.A.I. di Neuroscienze, AOU Policlinico di Messina
2006-2012	Direttore del Dipartimento di Neuroscienze, Scienze Psichiatriche ed Anestesiologiche dell'Università di Messina
2012-2015	Direttore del Dipartimento di Neuroscienze dell'Università di Messina

STAGES ALL' ESTERO

1978 – 1979	Research Fellow, Muscular Dystrophy Group Laboratory, University of Newcastle upon Tyne, Inghilterra
1985 - 1986	Post-doctoral Certification in Neuromuscular Diseases, University of Southern California, Los Angeles, USA

INCARICHI SCIENTIFICI

2000-2003	Presidente dell'Associazione Italiana di Miologia
2001-2002	Presidente dell'Associazione Italiana di Neuropatologia
2007-2010	Membro del Executive Board della World Muscle Society
2008-2012	Presidente della Associazione Italiana per lo studio del Sistema Neurovegetativo
Dal 2000	Corresponding Member of the American Neurological Association
Dal 2010	Associate Editor della Rivista "Neurological Sciences"
Dal 2014	Consulente Scientifico, Fondazione Aurora ONLUS – Centro Nemo Sud

Responsabile di Unità di Ricerca in numerosi programmi finanziati dalla Fondazione Telethon, AIFA, Ministero della Salute, MIUR e Commissione Europea-6° Programma Quadro.
Responsabile del progetto didattico internazionale TEMPUS MEDA "Education Curricula Project In Rehabilitation", finanziato dalla Commissione Europea (2006-2009).

ESPERIENZE DI TRIAL CLINICI (ultimi 15 anni)

SMART Study: Spinal muscular atrophy randomised clinical trial with gabapentin (phase II)

Double blind clinical study with triButyrate in patients with spinal muscular atrophy (phase II)

CMT−TRIAAL: Multicentre, randomised, double blind, placebo-controlled trial of long-term ascorbic acid treatment in Charcot-Marie-Tooth disease type 1A

Phase II, randomized double blind placebo-controlled study of tolerance and efficacy of salbutamol in adult patients with spinal muscular atrophy type III

A phase III, randomised, double-blind, placebo-controlled clinical trial to assess the efficacy and safety of multiple subcutaneous doses of GSK2402968 in subjects with Duchenne muscular dystrophy

Phase II, multicenter, randomized, adaptive, double-blind, placebo controlled study to assess safety and efficacy of olesoxime (TRO19622) in 3-25 year-old Spinal Muscular Atrophy (SMA) patients

An open pilot trial to test the safety and tolerability of flavocoxid (Limbrel®) in Duchenne MD

An open-label extension study of the long-term safety, tolerabilitty and efficacy of GSK2402968 in subjects with Duchenne muscular dystrophy (DMD114349)

A two-part study to assess the safety and tolerability, pharmacokinetics, and effects on histology and different clinical parameters of Givinostat in ambulant children with Duchenne muscular dystrophy

Duchenne muscular dystrophy: double-blind randomized trial to find optimum steroid regimen (FOR-DMD)

A phase 3 efficacy and safety study of Ataluren (PTC124) in patients with nonsense mutation dystrophinopathy

A Phase 2/3 Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of ISIS 420915 in Patients with Familial Amyloid Polyneuropathy (+ OLE study)

APOLLO: A Phase 3 Multicenter, Multinational, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of ALN-TTR02 in Transthyretin (TTR)-Mediated Polyneuropathy (Familial Amyloidotic Polyneuropathy-FAP) (+ OLE study)

ATTIVITA' SCIENTIFICA

Autore di oltre 200 pubblicazioni su riviste con impact factor, con particolare riguardo alle seguenti tematiche: malattie neuromuscolari, distrofie muscolari, miopatie congenite, miopatie metaboliche, miopatie mitocondriali, meccanismi patogenetici delle malattie dei muscoli e dei nervi periferici, atrofie muscolari spinali, neuropatie genetiche ed acquisite, neuropatie vegetative.

Il sottoscritto, ai sensi art. 2 legge 15/68, art. 3, comma 3 e 10, legge 127/97, art. 1 DPR 403/98, dichiara che quanto indicato nel Curriculum Vitae corrisponde al vero.

Il sottoscritto autorizza al trattamento dei dati personali secondo quanto previsto dal D.L. 196/03 e dichiara di aver eseguito studi clinici secondo GCP.

31.07.2016 Prof. Giuseppe Vita

PRINCIPALI PUBBLICAZIONI DEGLI ANNI 2012-2016

1. Mazzeo A, Stancanelli C, Russo M, Granata F, Gentile L, Di Leo R, Vita G, Nobile-Orazio E, Toscano A. Subacute inflammatory demyelinating polyneuropathy disclosed by massive nerve root enhancement in CMT1A. **Muscle & Nerve** 2012;45:451-452.
2. Musumeci O, Bruno C, Mongini T, Rodolico C, Aguennouz M, Barca E, Amati A, Cassandrini D, Serlenga L, Vita G, Toscano A. Clinical features and new molecular findings in muscle phosphofructokinase deficiency (GSD type VII). **Neuromuscular Disorders** 2012;22:325-330.
3. Gaeta M, Messina S, Mileto A, Vita GL, Ascenti G, Vinci S, Bottari A, Vita G, Settineri N, Bruschetta D, Racchiusa S, Minutoli F. Muscle fat-fraction and mapping in Duchenne muscular dystrophy: evaluation of disease distribution and correlation with clinical assessments. **Skeletal Radiology** 2012;41:955-961.
4. Bello L, Piva L, Barp A, Taglia A, Picillo E, Vasco G, Pane M, Previstali SC, Torrente Y, Gazzerro E, Motta MC, Grieco GS, Napolitano S, Magri F, D'Amico A, Astrea G, Messina S, Sframeli M, Vita GL, Boffi P, Mongini T, Ferlini A, Gualandi F, Sorarù G, Ermani M, Vita G, Battini R, Bertini E, Comi GP, Berardinelli A, Minetti C, Bruno C, Mercuri E, Politano L, Angelini C, Hoffman EP, Pegoraro E. Importance of SPP1 genotype as a covariate in clinical trials in Duchenne muscular dystrophy. **Neurology** 2012;79:159-162.
5. Musumeci O, Catalano N, Barca E, Ravaglia S, Fiumara A, Gangemi G, Rodolico C, Sorge G, Vita G, Galletti F, Toscano A. Auditory system involvement in late onset Pompe disease: a study of 20 Italian patients. **Molecular Genetics and Metabolism** 2012;107:480-484.
6. Russo M, Mazzeo A, Stancanelli C, Di Leo R, Gentile L, Di Bella G, Minutoli F, Baldari S, Vita G. Transthyretin-related familial amyloidotic polyneuropathy: description of a cohort of patients with Leu64 mutation and late onset. **Journal of the Peripheral Nervous System** 2012;17:385-390.
7. Stancanelli C, Taioli F, Testi S, Fabrizi GM, Arena MG, Granata F, Russo M, Gentile L, Vita G, Mazzeo A. Unusual features of central nervous system involvement in CMTX associated with a novel mutation of GJB1 gene. **Journal of the Peripheral Nervous System** 2012;17:407-411.
8. Tiziano FD, Lomastro R, Di Pietro L, Pasanisi MB, Fiori S, Angelozzi C, Abiusi E, Angelini C, Sorarù G, Gaiani A, Mongini T, Vercelli L, Mercuri E, Vasco G, Vita G, Vita GL, Messina S, Politano L, Passamano L, Di Gregoerio G, Montomoli C, Orsi C, Campanella A, Mantegazza R, Morandi L. Clinical and molecular cross-sectional study of a cohort of adult type III spinal muscular atrophy patients: clues from a biomarker study. **European Journal of Human Genetics** 2013;21:630-636.
9. Mazzeo A, Stancanelli C, Di Leo R, Vita G. Autonomic involvement in subacute and chronic immune-mediated neuropathies. **Autoimmune Diseases** 2013;Vol 2013:ID 549465.
10. Minutoli F, Di Bella G, Sindoni A, Vita **G**, Baldari S. Effectiveness of skeletal scintigraphy in transthyretin-related amyloidosis.**International Journal of Cardiology** 2013;168:4988-4989.
11. Magliano L, Patalano M, Sagliocchi A, Scutifero M, Zaccaro A, D'Angelo MG, Civati F, Brighina E, Vita G, Vita GL, Messina S, Sframeli M, Pane M, Lombardo ME, Scalise R, D'Amico A, Colia G, Catteruccia M, Balottin U, Berardinelli A, Motta MC, Angelini C, Gaiani A, Semplicini C, Bello L, Battini R, Astrea G, Ricci G, Politano L. "I have got something positive out of this situation": Psychological benefits of caregiving in relatives of young people with muscular dystrophy. **Journal of Neurology**, 2014;261:188-195.
12. Giordano A, Lugaresi A, Confalonieri P, Granella F, Radice D, Trojano M, Martinelli V, Solari A. Pucci E, Messmer Uccelli M, Ferrari G, Martini F, D'Annunzio G, Farina D, Travaglini D, Pietrolongo E, Onofrj M, Torri Clerici V, Bonanno S, Brambilla L, Radaelli M, Messina J, Comi G, Tortorella C, Luciannatelli E, Senesi C, Tsantes E, Conti M, Rottoli M, Bellantonio P, Fischetti M, Fantozzi R, Pala A, Traccis S, Di Battista G, Bianchi M, Benedetti M, Gaetani L, Di Filippo M, Carolei A, Totaro R, Lanzillo R, Brescia Morra V, Coppola R, Cottone S, Chiavazza C, Cavalla P, Leonardi C, Aguglia U, Ziuliani C, Valla P, Sasanelli F, Valentino P, Quattrone A, Martino PG, Russo M, Vita G, Immovilli P. Implementation of the 'Sapere Migliora' information aid for newly diagnosed people with multiple sclerosis in routine clinical practice: a late-phase controlled trial. **Multiple Sclerosis** 2014;20:1234-1243.
13. Piscosquito G, Reilly MM, Schenone A, Fabrizi GM, Cavallaro T, Santoro L, Vita G, Quattrone A, Padua L, Gemignani F, Visioli F, Laurà M, Calabrese D, Hughes RA, Radice D, Solari A, Pareyson D, for the CMT-TRIAAL & CMT-TRAUK Group. Is overwork weakness relevant in Charcot-Marie-Tooth disease? **Journal of Neurology, Neurosurgery, and Psychiatry** 2014;85:1354-1358.
14. Nobbio L, Visigalli D, Radice D, Fiorina E, Solari A, Lauria G, Reilly MM, Santoro L, Schenone A, Pareyson D, Marchesi C, Salsano E, Nanetti L, Marelli C, Scaioli V, Ciano C, Rimoldi M, Lauria G, Rizzetto E, Camozzi F, Narciso E, Grandis M, Monti M, Fabrizi G, Cavallaro T, Casano A, Bertolasi L, Cabrini I, Corra K, Rizzuto N, Manganelli F, Pisciotta C, Nolano M, Vita G, Mazzeo A, Aguennouz M, Di Leo R, Majorana G, Lanzano N, Valenti F, Quattrone A, Valentino P, Nistico R,

Pirritano D, Lucisano A, Canino M, Padua L, Pazzaglia C, Granata G, Foschini M, Gemignani F, Brindani F, Vitetta F, Allegri I, Visioli F, Bogani P, Visioli F. PMP22 messenger RNA levels in skin biopsies: testing the effectiveness of a Charcot-Marie-Tooth 1° biomarker. **Brain** 2014 Jun;137(Pt 6):1614-1620.

15. Mannil M, Solari A, Leha A, Pelayo-Negro AL, Berciano J, Schlotter-Weigel B, Walter MC, Rautenstrauss B, Schnizer TJ, Schenone A, Seeman P, Kadian C, Schreiber O, Angarita NG, Fabrizi GM, Gemignani F, Padua L, Santoro L, Quattrone A, Vita G, Calabrese D; CMT-TRIAAL/CMT-TRAUK Group, Young P, Laurà M, Haberlová J, Mazanec R, Paulus W, Beissbarth T, Shy ME, Reilly MM, Pareyson D, Sereda MW. Selected items from the Charcot-Marie-Tooth (CMT) Neuropathy Score and secondary clinical outcome measures serve as sensitive clinical markers of disease severity in CMT1A patients. **Neuromuscular Disorders** 2014;24:1003-1017.
16. Wein N, Vulin A, Falzarano MS, Szigyarto CA, Maiti B, Findlay A, Heller KN, Uhlen M, Bakthavachalu B, Messina S, Vita G, Passarelli C, Brioschi S, Bovolenta M, Neri M, Gualandi F, Wilton SD, Rodino-Klapac LR, Yang L, Dunn DM, Shoenberg DR, Weiss RB, Howard MT, Ferlini A, Flanigan KM. Translation from a DMD exon 5 IRES results in a functional dystrophin isoform that attenuates dystrophinopathy in humans and mice. **Nature Medicine** 2014;20:992-1000.
17. Di Bella G, Pizzino F, Minutoli F, Zito C, Donato R, Dattilo G, Oreto G, Baldari S, Vita G, Khandheria BK, Carerj S. The mosaic of the cardiac amyloidosis diagnosis: role of imaging in subtypes and stages of the disease. **European Heart Journal of Cardiovascular Imaging**. 2014;15:1307-1315.
18. Di Bella G, Minutoli F, Madaffari A, Mazzeo A, Russo M, Donato R, Zito C, Aquaro GD, Piccione MC, Pedri S, Vita G, Pingitore A, Carerj S. Left atrial function in cardiac amyloidosis. **Journal of Cardiovascular Medicine.** 2014 Sep 12. [Epub ahead of print]
19. Magliano L, D'Angelo MG, Vita G, Pane M, D'Amico A, Balottin U, Angelini C, Battini R, Politano L, Patalano M, Sagliocchi A, Civati F, Brighina E, Vita GL, Messina S, Sframeli M, Lombardo ME, Scalise R, Colia G, Catteruccia M, Berardinelli A, Motta MC, Gaiani A, Semplicini C, Bello L, Astrea G, Zaccaro A, Scutifero M. Psychological and practical difficulties among parents and healthy siblings of children with Duchenne vs. Becker muscular dystrophy: an Italian comparative study. **Acta Myologica** 2014;33:136-143.
20. Magliano L, Patalano M, Sagliocchi A, Scutifero M, Zaccaro A, D'Angelo MG, Civati F, Brighina E, Vita G, Vita GL, Messina S, Sframeli M, Pane M, Lombardo ME, Scalise R, D'Amico A, Colia G, Catteruccia M, Balottin U, Berardinelli A, Motta MC, Angelini C, Gaiani A, Semplicini C, Bello L, Battini R, Astrea G, Politano L. Burden, professional support, and social network in families of children and young adults with muscular dystrophies. **Muscle & Nerve** 2015;52:13-21.
21. Stancanelli C, Fabrizi GM, Ferrarini M, Cavallaro T, Taioli F, Di Leo R, Russo M, Gentile L, Toscano A, Vita G, Mazzeo A. Charcot-Marie-Tooth 2F: phenotypic presentation of the Arg136Leu HSP27 mutation in a multigenerational family. **Neurological Sciences** 2015;36:1003-1006.
22. Mazzeo A, Russo M, Di Bella G, Minutoli F, Stancanelli C, Gentile L, Baldari S, Carerj S, Toscano A, Vita G. Transthyretin related familial amyloid polyneuropathy (TTR-FAP): A single-center experience in Sicily, an Italian endemic area. **Journal of Neuromuscular Diseases** 2015;2:S39-S48.
23. Di Bella G, Minutoli F, Piaggi P, Casale M, Mazzeo A, Zito C, Oreto G, Baldari S, Vita G, Pingitore A, Khandheria BK, Carerj S. Usefulness of combining electrocardiographic and echocardiographic findings and brain natriuretic peptide in early detection of cardiac amyloidosis in subjects with transthyretin gene mutation. **American Journal of Cardiology** 2015;116:1122-1127.
24. Piscosquito G, Reilly MM, Schenone A, Fabrizi GM, Cavallaro T, Santoro L, Manganelli F, Vita G, Quattrone A, Padua L, Gemignani F, Visioli F, Laurà M, Calabrese D, Hughes RA, Radice D, Solari A, Pareyson D; CMT-TRIAAL & CMT-TRAUK Group. Responsiveness of clinical outcome measures in Charcot Marie Tooth disease. **European Journal of Neurology** 2015;22:1556-1563.
25. Messina S, Bitto A, Vita GL, Aguennouz M, Irrera N, Licata N, Sframeli M, Bruschetta D, Minutoli L, Altavilla D, Vita G, Squadrito F. Modulation of neuronal nitric oxide synthase and apoptosis by the isoflavone genistein in mdx mice. **BioFactors** 2015;41:324-329.
26. Barp A, Bello L, Politano L, Melacini P, Calore C, Polo A, Vianello S, Sorarù G, Semplicini C, Pantic B, Taglia A, Picillo E, Magri F, Gorni K, Messina S, Vita GL, Vita G, Comi GP, Ermani M, Calvo V, Angelini C, Hoffman EP, Pegoraro E. Genetic Modifiers of Duchenne Muscular Dystrophy and Dilated Cardiomyopathy. **PLoS One** 2015 Oct 29;10(10):e0141240.
27. Messina S, Vita GL, Sframeli M, Mondello S, Mazzone E, D'Amico A, Berardinelli A, La Rosa M, Bruno C, Distefano MG, Baranello G, Barcellona C, Scutifero M, Marcato S, Palmieri A, Politano L, Morandi L, Mongini T, Pegoraro E, D'Angelo MG, Pane M, Rodolico C, Minetti C, Bertini E, Vita G, Mercuri E. Health-related Quality of life and functional changes in DMD: a 12-month longitudinal cohort study. **Neuromuscular Disorders**, 2016 Feb 2. doi: 10.1016/j.nmd.2016.01.003. [Epub ahead of print].

28. Biasini F, Portaro S, Mazzeo A, Vita G, Fabrizi GM, Taioli F, Toscano A, Rodolico C. TRPV4 related scapuloperoneal spinal muscular atrophy: Report of an Italian family and review of the literature. **Neuromuscular Disorders** 2016;26:312-315.
29. Cortese A, Vita G, Luigetti M, Russo M, Bisogni G, Sabatelli M, Manganelli F, Santoro L, Cavallaro T, Fabrizi GM, Schenone A, Grandis M, Gemelli C, Mauro A, Pradotto LG, Gentile L, Stancanelli C, Lozza A, Perlini S, Piscosquito G, Calabrese D, Mazzeo A, Obici L, Pareyson D. Monitoring effectiveness and safety of Tafamidis in transthyretin amyloidosis in Italy: a longitudinal multicenter study in a non-endemic area. **Journal of Neurology** 2016;263:916-24.
30. Russo M, Vita GL, Stancanelli C, Mazzeo A, Vita G, Messina S. Parenteral nutrition improves nutritional status, autonomic symptoms and quality of life in transthyretin amyloid polyneuropathy. **Neuromuscular Disorders** 2016;26:374-377.
31. Padua L, Pazzaglia C, Pareyson D, Schenone A, Aiello A, Fabrizi GM, Cavallaro T, Santoro L, Manganelli F, Gemignani F, Vitetta F, Quattrone A, Mazzeo A, Russo M, Vita G for the CMT-TRIAAL Group. Novel outcome measures for Charcot-Marie-Tooth disease: validation and reliability of 6-min walk test and StepWatchTM Activity Monitor and identification of the walking features related to higher quality of Life. **European Journal of Neurology** 2016 May 10. doi: 10.1111/ene.13033.[Epub ahead of print].
32. Vita G, La Foresta S, Russo M, Vita GL, Messina S, Lunetta C, Mazzeo A. Sport activity in Charcot-Marie-Tooth disease: a case study of a Paralympic swimmer. **Neuromuscular Disorders** (2016), doi: 10.1016/j.nmd.2016.06.002
33. Rodolico C et al. Myasthenia Gravis: unusual presentations and diagnostic pitfalls. **Journal of Neuromuscular Diseases** 2016 in press
34. Manganelli F, Pisciotta C, Reilly MM, Schenone A, Fabrizi GM, Cavallaro T, Vita G, Quattrone A, Padua L, Gemignani F, Laurà M, Tozza S, Calabrese D, Hughes RAC, Solari A, Pareyson D, Santoro L for the CMT-TRIAAL and CMT-TRAUK Group. Nerve conduction velocity in CMT1A: What else can we tell? **European Journal of Neurology** 2016 in press.
35. Di Bella G, Minutoli F, Piaggi P, Casale M, Mazzeo A, Zito C, Oreto G, Baldari S, Vita G, Pingitore A, Khandheria BK, Carerj S. Quantitative comparison between amyloid deposition detected by 99mTc-diphosphonate imaging and myocardial deformation evaluated by strain echocardiography in transthyretin related cardiac amyloidosis. **Circulation Journal** 2016 in press.