CURRICULUM VITAE

PROF. GIUSEPPE VITA

Luogo e data di nascita: Messina, 2 gennaio 1952

Ordinario di Neurologia, Dipartimento di Neuroscienze, Scienze Psichiatriche ed Anestesiologiche, Facoltà di Medicina e Chirurgia, Università di Messina
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EDUCAZIONE

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

dall'1/11/1994	*Professore Ordinario di Neurologia,* Università di Messina
2000-2009	*Direttore dell'U.O.S. di Neurobiologia Clinica e Malattie Neuromuscolari*, Azienda Osp. Universitaria Policlinico di Messina
dall'1/11/2009	*Direttore dell'U.O.C. di Neurologia e Malattie Neuromuscolari* e *Direttore del D.A.I. di Neuroscienze*, Azienda Osp. Universitaria Policlinico di Messina
2006-2012	*Direttore del Dipartimento di Neuroscienze, Scienze Psichiatriche ed Anestesiologiche dell'Università di Messina*

STAGES ALL'ESTERO

10/1978 - 7/1979	Research Fellow, Muscular Dystrophy Group Laboratory, University of Newcastle upon Tyne, Inghilterra
10/1985 - 9/1986	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
2002-2008	Esperto del Ministero della Salute per il Programma di ECM
Dal 2010	Associate Editor della Rivista "Neurological Sciences"
Dal 2012	Delegato della Società Italiana di Neurologia al panel scientifico CRITICAL CARE dell'European Federation of Neurological Societies (EFNS).

Responsabile di Unità di Ricerca in programmi finanziati dalla Fondazione Telethon (2002, 2003, 2004, 2005, 2007, 2008), AIFA (2006, 2008) e dal Ministero della Salute, Ricerca sanitaria finalizzata (2002); Coordinatore Scientifico di programma di ricerca COFIN-MIUR 2004; Partner di Specific Support Action finanziata dalla Commissione Europea, 6° Programma Quadro (2005).
Responsabile del progetto didattico internazionale TEMPUS MEDA "Education Curricula Project In Rehabilitation", finanziato dalla Commissione Europea (2006-2009).

ESPERIENZE DI TRIAL CLINICI

TACS Study: Ticlopidine and aspirine combination for stroke (phase III)
DESTRO Study: Minor depression in post-stroke (phase III)
SITS-MOST Study: Safe implementation of thrombolysis in stroke monitoring study (phase III)
SMART Study: Spinal muscular atrophy randomised clinical trial with gabapentin (phase II)
Quality of life and disability in patients with Charcot-Marie-Tooth disease: a multicentre and multiperspective follow-up
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 muscular dystrophy

ATTIVITA' SCIENTIFICA

Autore di numerose pubblicazioni su riviste con impact factor, con particolare riguardo alle seguenti tematiche: malattie neuromuscolari, distrofie muscolari, miopatie congenite, miopatie metaboliche, miopatie mitocondriali, proteine citoscheletriche della fibra muscolare e del nervo periferico, atrofie muscolari spinali, neuropatie genetiche ed acquisite, neuropatie autonomiche.

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.

18 luglio 2012

Prof. Giuseppe Vita

PRINCIPALI PUBBLICAZIONI DEGLI ANNI 2008-2012

1. Messina MF , Aguennouz M, Arrigo T, Rodolico C, Valenzise M, Musumeci O, Vita G, Lanzano N, De Luca F. Novel SHOX gene mutation in a short boy with Becker muscular dystrophy: double trouble in two adiacent genes. **Hormone Research** 2008;69:124-128.
2. Solari A, Laurà M, Salsano E, Radice D, Pareyson D, on behalf of the CMT-TRIAAL Study Group (... Vita G. ...). Reliability of clinical outcome measures in Charcot-Marie-Tooth disease. **Neuromuscular Disorders** 2008;18:19-26.
3. Padua L, Shy ME, Aprile I, Cavallaro T, Pareyson D, Quattrone A, Rizzuto N, Vita G, Tonali P, Schenone A. Correlation between clinical/neurophysiological findings and quality of life in Charcot-Marie-Tooth type 1A. **Journal of the Peripheral Nervous System** 2008;13:64-70.
4. Macaione V, Aguennouz M, Mazzeo A, De Pasquale MG, Russo M, Toscano A, De Luca G, Di Giorgio RM, Vita G, Rodolico C. Expression of transglutaminase 2 does not differentiate focal myositis from generalized inflammatory myopathies. **Acta Neurologica Scandinavica** 2008;117:393-398.
5. Angileri FF, Aguennouz M, Conti A, La Torre D, Cardali S, Crupi R, Tomasello C, Germanò A, Vita G, Tomasello F. Nuclear factor-kappaB activation and differential expression of survivin and Bcl-2 in human grade 2-4 astrocytomas. **Cancer** 2008;112:2258-2266.

6. Padua L, Pareyson D, Aprile I, Cavallaro T, Quattrone A, Rizzuto N, Vita G, Tonali P, Schenone A. Natural history of CMT1A including QoL: a 2 year prospective study. **Neuromuscular Disorders** 2008;18:199-203.
7. Padua L, Aprile I, Cavallaro T, Commodari I, Pareyson D, Quattrone A, Rizzuto N, Vita G, Tonali P, Schenone A; Italian CMT QoL Study Group. Relationship between clinical examination, Quality of Life, disability and depression in CMT patients: Italian Multicenter study. **Neurological Sciences** 2008;29:157-162.
8. Padua L, Cavallaro T, Pareyson D, Quattrone A, Vita G, Schenone A; the Italian CMT QoL Study Group. Charcot-Marie-Tooth and pain: correlations with neurophysiological, clinical, and disability findings. **Neurological Sciences** 2008;29:193-194.
9. Mazzeo A, Muglia M, Rodolico C, Toscano A, Patitucci A, Quattrone A, Messina C, Vita G. Charcot-Marie-Tooth disease type 1B: marked phenotypic variation of the Ser78Leu mutation in five Italian families. **Acta Neurologica Scandinavica** 2008;118:328-332.
10. Mazzeo A, Di Leo R, Toscano A, Muglia M, Patitucci A, Messina C, Vita G. Charcot-Marie-Tooth type X: unusual phenotype of a novel CX32 mutation. **European Journal of Neurology** 2008;15:1140-1142.
11. Graceffa A, Russo M, Vita GL, Toscano A, Dattola R, Messina C, Vita G, Mazzeo A. Psychosocial impact of presymptomatic genetic testing for transthyretin amyloidotic polyneuropathy. **Neuromuscular Disorders** 2009;19:44-48.
12. Schoser B, Jacob S, Hilton-Jones D, Müller-Felber W, Kubisch C, Claus D, Goebel HH, Vita G, Vincent A, Toscano A, Bergh PV. Immune-mediated rippling muscle disease with myasthenia gravis: A report of seven patients with long-term follow-up in two. **Neuromuscular Disorders** 2009;19:223-228.
13. Conti A, Aguennouz M, La Torre D, Tomasello C, Cardali S, Angileri FF, Maio F, Cama A, Germanò A, Vita G, Tomasello F. miR-21 and 221 upregulation and miR-181b downregulation in human grade II-IV astrocytic tumors. **Journal of NeuroOncology** 2009;93:325-332.
14. Mazzone ES, Messina S, Vasco G, Main M, Eagle M, D'Amico A, Doglio L, Politano L, Cavallaro F, Frosini S, Bello L, Magri F, Corlatti A, Zucchini E, Brancalion B, Rossi F, Ferretti M, Motta MG, Cecio MR, Berardinelli A, Alfieri P, Mongini T, Pini A, Astrea G, Battini R, Comi G, Pegoraro E, Morandi L, Pane M, Angelini C, Bruno C, Villanova M, Vita G, Donati MA, Bertini E, Mercuri E. Reliability of the North Star Ambulatory Assessment in a multicentric setting. **Neuromuscular Disorders** 2009;19:458-461.
15. Messina S, Bitto A, Aguennouz M, Mazzeo A, Migliorato A, Polito F, Irrera N, Altavilla D, Vita GL, Russo M, Naro A, De Pasquale MG, Rizzuto E, Musarò A, Squadrito F, Vita G. Flavocoxid counteracts muscle necrosis and improves functional properties in *mdx* mice: a comparison study with methylprednisolone. **Experimental Neurology** 2009;220:349-358.
16. Padua L, Pareyson D, Aprile I, Cavallaro T, Quattrone DA, Rizzuto N, Vita G, Tonali P, Schenone A. Natural history of Charcot-Marie-Tooth 2: 2-year follow-up of muscle strength, walking ability and quality of life. **Neurological Sciences** 2010;31:175-178.
17. Crupi R, Cambiaghi M, Spatz L, Hen R, Thorn M, Friedman E, Vita G, Battaglia F. Reduced adult neurogenesis and altered emotional behaviors in autoimmune-prone B-cell activating factor transgenic mice. **Biological Psychiatry** 2010;67:558-566.
18. Giometto B, Grisold W, Vitaliani R, Graus F, Honnorat J, Bertolini G, Antoine JC, Blaes F, Carpentier A, Evoli A, Fazio R, Lorusso L, Mazzeo A, Psimaras D, Rauer S, Rees J, Rodi Z, Ros T, Smitt PS, Stourac P, Tonali P, Vedeler C, Verschuuren J, Vigliani MC, Vincent A, Vita G, Voltz R. Paraneoplastic neurologic syndrome in the PNS Euronetwork database: a European study from 20 centers. **Archives of Neurology** 2010;67:330-335.
19. Di Leo R, Nolano M, Boman H, Pierangeli G, Provitera V, Knappskog PM, Cortelli P, Vita G, Rodolico C. Central and peripheral autonomic failure in cold induced sweating syndrome type 1. **Neurology** 2010; 75:1567-1569.
20. Mazzone E, Martinelli D, Berardinelli A, Messina S, D'Amico A, Vasco G, Main M, Doglio L, Politano L, Cavallaro F, Frosini S, Bello L, Carlesi A, Bonetti AM, Zucchini E, De Sanctis R, Scutifero M, Bianco F, Rossi F, Motta MC, Sacco A, Donati MA, Mongini T, Pini A, Battini R, Pegoraro E, Pane M, Pasquini E, Bruno C, Vita G, de Waure C, Bertini E, Mercuri E. North Star Ambulatory Assessment, 6-minute walk test and timed items in ambulant boys with Duchenne muscular dystrophy. **Neuromuscular Disorders** 2010;20:712-716.
21. Di Bella G, Minutoli F, Mazzeo A, Vita G, Oreto G, Carerj S, Anfuso C, Russo M, Gaeta M. MRI of cardiac involvement in transthyretin familial amyloid polyneuropathy. **American Journal of Roentgenology** 2010;195:W394-W399.

22. Pareyson D, Reilly MM, Schenone A, Fabrizi GM, Cavallaro T, Santoro L, Vita G, Quattrone A, Padua L, Gemignani F, Visioli F, Laurà M, Radice D, Calabrese D, Hughes RA, Solari A, for the CMT-TRIAAL & CMT-TRAUK Group. Ascorbic acid in Charcot-Marie-Tooth disease type 1A (CMT-TRIAAL and CMT-TRAUK): a double-blind randomised controlled trial. **Lancet Neurology** 2011;10:320-328.
23. Briani C, Vitaliani R, Grisold W, Honnorat J, Graus F, Antoine JC, Bertolini G, Giometto B, Blaes F, Carpentier A, Evoli A, Fazio R, Lorusso L, Mazzeo A, Psimaras D, Rauer S, Rees J, Rodi Z, Ros T, Smitt PS, Stourac P, Tonali P, Vedeler C, Verschuuren J, Vigliani MC, Vincent A, Vita G, Voltz R. Spectrum of paraneoplastic disease associated with lymphoma. **Neurology** 2011;76:705-710.
24. Di Bella G, Minutoli F, Pingitore A, Zito C, Mazzeo A, Aquaro GD, Di Leo R, Recupero A, Stancanelli C, Baldari S, Vita G, Carerj S. Endocardial and epicardial deformations in cardiac amyloidosis and hypertrophic cardiomyopathy. **Circulation Journal** 2011;75:1200-1208.
25. Aguennouz M, Vita GL, Messina S, Cama A, Lanzano N, Ciranni A, Rodolico C, Di Giorgio RM, Vita G. Telomere shortening is associated to TRF1 and PARP1 overexpression in Duchenne muscular dystrophy. **Neurobiology of Aging** 2011;32:2190-2197.
26. Messina S, Bitto A, Aguennouz M, Vita GL, Polito F, Irrera N, Altavilla D, Marini H, Migliorato A, Squadrito F, Vita G. The soy isoflavone genistein blunts nuclear factor kappa-B, MAPKs and TNF-α activation and ameliorates muscle function and morphology in *mdx* mice. **Neuromuscular Disorders** 2011;21:579-589.
27. Mazzeo AT, La Monaca E, Di Leo R, Vita G, Santamaria LB. Heart rate variability: a diagnostic and prognostic tool in anaesthesia and intensive care. **Acta Anaesthesiologica Scandinavica** 2011;55:797-811.
28. Mazzone ES, Vasco G, Sormani MP, Torrente Y, Berardinelli A, Messina S, D'amico A, Doglio L, Politano L, Cavallaro F, Frosini S, Bello L, Bonfiglio S, Zucchini E, De Sanctis R, Scutifero M, Bianco F, Rossi F, Motta MC, Sacco A, Donati MA, Mongini T, Pini A, Battini R, Pegoraro E, Pane M, Gasperini S, Previtali S, Napolitano S, Martinelli D, Bruno C, Vita G, Comi G, Bertini E, Mercuri E. Functional changes in Duchenne muscular dystrophy: a 12 month longitudinal cohort study. **Neurology** 2011;77:250-256.
29. Vigliani MC, Honnorat J, Antoine JC, Vitaliani R, Giometto B, Psimaras D, Franchino F, Rossi C, Graus F, Tonali P, Voltz R, Stourac P, Fazio R, Sillevis Smitt P, Verschuuren J, Carpentier A, Vincent A, Rees J, Grisold W, Vedeler C, Zoran R, Hart I, Lorusso L, Bertolini G, Vita G, Blaes F, Rauer S. Chorea and related movement disorders of paraneoplastic origin: the PNS EuroNetwork experience. **Journal of Neurology** 2011;258:2058-2068.
30. 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.
31. 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.
32. 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** 2011 Nov 10. [Epub ahead of print]
33. Bello L, Piva L, Barp A, Taglia A, Picillo E, Vasco G, Pane M, Previstali S, Torrente Y, Gazzerro E, Motta MC, Greco G, Napolitano S, D'Amico A, Astrea G, Messina S, Sfarmeli M, Vita GL, Boffi P, Mongini T, Ferlini A, Gualandi F, Soraru' G, Ermani M, Vita G, Battini R, Bestini E, Comi G, 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 in press.