

BIOGRAPHICAL SKETCH
Complete for each professional associated with the project

Name: De Luca Giovanna MD, PhD	Position/Title: Neurologist
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Education

[Begin with baccalaureate or other professional education and include postdoctoral training]

Institution and Location	Degree	Year Conferred	Field of Study
Univ "G. D'Annunzio"- Chieti,	MD	1993	Research thesis: Prognostic factors in MS
Univ "G. D'Annunzio"- Chieti,	Neurologist	1997	Research thesis CIDP: study on suppressor cell function
Univ "G. D'Annunzio"- Chieti,	PhD	2001	Research thesis Relation between inflammation and demyelination in the CNS in multiple sclerosis patients"

Research and Professional Experience

[List in chronological order, previous employment, experience and honors]

1993 MD, magna cum laude University "G. D'Annunzio"- Chieti

1993-1997 Resident in Neurology at University "G. D'Annunzio"- Chieti

1998-1999 Study residence in the Neuroimmunology Branch Laboratory, University of Vienna, directed by Prof. Hans Lassmann

1992-2002 Neurological Institute, Neuroimmunology Lab, Dept. Oncology & Neuroscience – Univ. "G. d'Annunzio" Chieti

2005-2012 Coordinator and Professor of Integrated Course of Neurology, NPI and Genetic D.U. Orthoptist and Ophthalmological Assistant Univ. "G. d'Annunzio", Chieti

2008-2012 Researcher in Neurology Univ. "G. d'Annunzio", Chieti

2012 to date Neurologist Clinical Hospital SS. Annunziata Clinical Neurology

Experienced in national and international multicentric randomised, blinded clinical trials conducted according to GCP.

Co-author of 44 full papers and > 100 abstracts

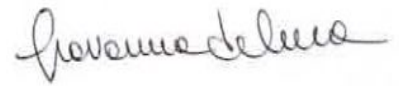
Publications

For each investigator, provide complete bibliographic citations for selected **publications related to the topic of this application**. DO NOT exceed one page for each individual.

1. A.M. Porrini, **G. De Luca**, D. Gambi and A.T. Reeder. Effects of an anti-IL10 monoclonal antibody on IFNbeta-1b mediated immunomodulation. Relevance to multiple sclerosis. *Journal of Neuroimmunology* 1998; 81(1-2):109-115
2. **G. De Luca**, A. Lugaresi, C. Iarlori, F. Marzoli, A. Uncini, D. Gambi. Interferon beta normalizes suppressor cell function in dysimmune neuropathies. *Journal of Neuroimmunology* 1998; 82(1):1-4.
3. **G. De Luca**, A. Lugaresi, C. Iarlori, F. Marzoli, A. Di Iorio, D. Gambi, A. Uncini. Prednisone and plasma exchange improve suppressor cell function in chronic inflammatory demyelinating polyneuropathy. *Journal of Neuroimmunology* 1999; 95(1-2):190-194
4. C. Iarlori, M. Reale, A. Lugaresi, **G. De Luca**, L. Bonanni, A. Di Iorio, C. Feliciani, P. Conti, D. Gambi. RANTES production and expression is reduced in relapsing-remitting multiple sclerosis patients treated with IFNbeta-1b. *Journal of Neuroimmunology* 2000;107:100-107
5. A. Lugaresi, C. Caporale, D. Farina, F. Marzoli, L. Bonanni, P.A.Muraro, **G. De Luca**, C. Iarlori, D. Gambi. Low dose oral methotrexate treatment in chronic progressive multiple sclerosis. *Neurol. Sci.* 2001; 22:209-210
7. P.A. Muraro, L. Liberati, L. Bonanni, A. Pantalone, C. Caporale, C. Iarlori, **G. De Luca**, D. Farina, A. Lugaresi, and D. Gambi. Decreased Integrin Gene Expression in Patients with MS Responding to Interferon- β Treatment. *J. Neuroimmunol.* 2004; 150:123-131
8. M. Capasso, M. Caulo, **G. De Luca**, N. Magarelli and A. Lugaresi. Mononeuropathy following subcutaneous interferon- β injection. *J Neurol.* 2006 Jul;253(7):961-2
10. Giordano A, Uccelli MM, Pucci E, Martinelli V, Borreani C, Lugaresi A, Trojano M, Granella F, Confalonieri P, Radice D, Solari A and SIMS-Trial group (...Lugaresi A, **De Luca G**, Mattoscio M, Di Iorio M, Pace M, Travaglini D, Maruotti V, Farina D, Trojano M, Zimatore G, Plasmati I, Tortorella C). The Multiple Sclerosis Knowledge Questionnaire: a self-administered instrument for recently diagnosed patients. *Mult Scler* 2010 Jan;16(1):100-111
11. A. Solari, V. Martinelli, M. Trojano, A. Lugaresi, F. Granella, A. Giordano, M. Messmer uccelli, R. D'Alessandro, E. Pucci, P. Gonfalonieri, C. Borreani and Sims-trial Group (D. Farina, **G. De Luca**, V. Di Tommaso, M di Iorio, D. Travaglini). An information aid for newly diagnosed multiple sclerosis patients improves disease knowledge and satisfaction with care. *Mult Scler* 2010, vol. 16; p. 1393-1405
12. MP Amato, E. Portaccio, A. Ghezzi, B. Hakiki, V. Zipoli, V. Martinelli, L. Moviola, F. Patti, L. La Mantia, GL Mancardi, C. Solaro, MR Tola, C. Pozzilli, L. De Giglio, R. Totano, A. Lugaresi, V. Di Tommaso, D. Paolicelli, MG Marrosu, G. Comi, F. Pellegrini, M. Trojano and MS Study Group of the Italian Neurological Society (**G. De Luca**). Pregnancy and fetal outcomes after interferon- β exposure in multiple sclerosis. *Neurology* 2010 vol. 75; p. 1794-1802
13. V. Durastanti, A. Lugaresi, P. Bramanti, MP Amato, P. Bellantonio, **G. De Luca**, O. Picconi, R. Fantozzi, L. Locatelli, A. Solda', E. Sessa, R. Totano, S. Marino, V. Zipoli, M. Zorzon, E. Millefiorini E(2011). Neopterin production and tryptophan degradation during 24-months therapy with interferon beta-1a in multiple sclerosis patients. *Journal of Translational Medicine*, vol. Apr 18;9(1); p 42
14. CM. Caporale, F. Notturmo, M. Pace, A. Aureli, V. Di Tommaso, **G. De Luca**, D. Farina, A. Giovannini, A. Uncini (2011) Cd1a and cd1e gene polymorphisms are associated with susceptibility to multiple sclerosis. *International Journal of immunopathology and pharmacology*, vol. Jan-Mar;24(1); p. 175-183
15. E. Portaccio, A. Ghezzi, B. Hakiki, V. Martinelli, L. Moviola, F. Patti, L. La Mantia, GL Mancardi, C. Solaro, MR Tola, C. Pozzilli, L. De Giglio, R. Totaro, A. Lugaresi, **G. De Luca**, D. Paolicelli, MG Marrosu, G. Comi, M. Trojano, and MP Amato. Breastfeeding is not related with post-partum relapses in multiple sclerosis patients (2011) *Neurology*,77 (2) pp 145-150
16. Tortorella C, Ruggieri M, Di Monte E, Ceci E, Iaffaldano, P, Drenzo V, Mastrapasqua M, Frigeri A, Amato MP, Hakiki B, Ghezzi A, Lugaresi A, **De Luca G**, Patti F, D'Amico E, Sola P, Simone AM, Livrea P, Trojano M. Serum and CSF N-acetyl aspartate levels differ in multiple sclerosis and neuromyelitis optica. *Journal of Neurology, Neurosurgery and Psychiatry* Volume 82, Issue 12, December 2011, Pages 1355-1359
17. Del Boccio P, Pieragostino D, Di Iorio M, Petrucci F, Lugaresi A, **De Luca G**, Gambi D, Onofri M, Di Iorio C, Sacchetta P, Urbani A. Lipidomic investigations for the characterization of circulating serum lipids in multiple sclerosis. *J Proteomics* 2011 Nov 18;74(12):2826-36. Epub 2011 Jul 4
18. Annovazzi P, Tomassini V, Bodini B, Boffa L, Calabrese M, Cocco E, Cordioli C, **De Luca G**, Frisullo G, Gallo A, Malucchi S, Paolicelli D, Pesci I, Radaelli M, Ragonese P, Roccatagliata L, Tortorella C, Vercellino M, Zipoli V, Gasperini C, Rodegher M, Solaro C. A cross-sectional, multicentre study of the therapeutic management of multiple sclerosis relapses in Italy. *Neurol Sci.* 2012 Mar 11 pp.1-7.
19. Lugaresi A, Florio C, Brescia-Morra V, Cottone S, Bellantonio P, Clerico M, Centonze D, Uccelli A, di Iorio M, **De Luca G**, Marcellusi A, Paolillo A and the BRIDGE Study group. Patient adherence to and tolerability of self-administered interferon beta-1a using an electronic autoinjection device: a multicentre, open-label, phase IV study *BMC Neurology* 2012, 12:7 doi:10.1186/1471-2377-12-7 Published: 5 March 2012
20. Reale M, de Angelis F, di Nicola M, Capello E, di Iorio M, **De Luca G**, Lugaresi A, Tata AM. Relation between pro-inflammatory cytokines and acetylcholine levels in relapsing-remitting multiple sclerosis patients *Int J Mol Sci* 2012, 13(10) 12656-12664
21. Giannini M, Portaccio E, Ghezzi A, Hakiki B, Pastò L, Razzolini L, Piscolla E, De Giglio L, Pozzilli C, Paolicelli D, Trojano M, Marrosu MG, Patti F, La Mantia L, Mancardi G, Solaro C, Totaro R, Tola MR, **De Luca G**, Lugaresi A, Moviola L, Martinelli V, Comi G, Amato M. Pregnancy and fetal outcomes after Glatiramer Acetate exposure in patients with multiple sclerosis: A prospective observational multicentric study *BMC Neurology* 2012, 12:124 pp. 1-7
22. Pieragostino D, Del Boccio P, Di Iorio M, Pieroni L, Greco V, **De Luca G**, D'Aguzzo S, Rossi C, Franciotta D, Centonze D, Sacchetta P, Di Iorio C, Lugaresi A, Urbani A. Oxidative modifications of cerebral transthyretin are associated with multiple sclerosis. *Proteomics*. 2013 Mar;13(6):1002-9 IF: 4,878 CI: 2
23. Pecori C, Giannini M, Portaccio E, Ghezzi A, Hakiki B, Pastò L, Razzolini L, Sturchio A, De Giglio L, Pozzilli C, Paolicelli D, Trojano M, Marrosu MG, Patti F, Mancardi GL, Solaro C, Totaro R, Tola MR, **De Luca G**, Lugaresi A, Moviola L, Martinelli V, Comi G, Amato MP; MS Study Group of the Italian Neurological Society. Paternal therapy with disease modifying drugs in multiple sclerosis and pregnancy outcomes: a prospective observational multicentric study. *BMC Neurol.* 2014 May 26;14:114. doi: 10.1186/1471-2377-14-114
24. Portaccio E, Ghezzi A, Hakiki B, Sturchio A, Martinelli V, Moviola L, Patti F, Mancardi GL, Solaro C, Tola MR, Pozzilli C, De Giglio L, Totaro R, Lugaresi A, **De Luca G**, Paolicelli D, Marrosu MG, Comi G, Trojano M, Amato MP; MS Study Group of the Italian Neurological Society. Postpartum relapses increase the risk of disability progression in multiple sclerosis: the role of disease modifying drugs. *J Neurol Neurosurg Psychiatry* 2014 Aug;85(8):845-50. doi: 10.1136/jnnp-2013-306054. Epub 2014 Jan 8. IF: 5.58 (2013) CI:2
25. Totaro R, Lugaresi A, Bellantonio P, Danni M, Costantino G, Gasperini C, Florio C, Pucci E, Maddestra M, Spitaleri D, Lus G, Ardito B, Farina D, Rossi M, Di Carmine C, Altobelli E, Maccarone B, Casalena A, **De Luca G**, Travaglini D, Di Iorio M, Di Tommaso V, Fantozzi R, Ruggieri S, Provinciali L, De Riso S, Mundi C, Fuiani A, Galgani S, Ruggieri S, Maniscalco GT, Giuliani G, Cartechini E, Petretta V, Fratta M, Alfieri G, Gatto M, Carolei A; Natalizumab Long-Term Treatment Study group. Natalizumab treatment in multiple sclerosis patients: a multicenter experience in clinical practice in Italy. *Int J Immunopathol Pharmacol* 2014 Apr-Jun;

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Firma



A handwritten signature in black ink, appearing to read "Giovanna De Luca", is written above a solid horizontal line.

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Revised 6/08