FORMATO EUROPEO PER IL CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome	Vincenzo Nigro
Indirizzo	TIGEM, II Università di Napoli
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Nazionalità	Italian
Data di nascita	28/7/1960 C.F. NGRVCN60L28F839F

ESPERIENZA LAVORATIVA

• Date (da – a)	2010-present Full Professor of Medical Genetics at the Second University of Naples
	2007- present Director of "Mutation Detection" core at the Second University of Naples
	2005-present Coordinator of PhD in Medical Genetics at the Second University of Naples
	2000-present Associate Investigator at TIGEM (Telethon Institute of Genetics and Medicine) Naples
	2011-2016 Director of "Next Generation Sequencing" facility at TIGEM, Naples
	2006-2010 Full Professor of General Pathology at the Second University of Naples
	2000-2006 Associate Professor in General Pathology, Second University of Naples
	1992-1999 Assistant Professor in General Pathology, Second University of Naples
	1988-1994 Host at the International Institute of Genetics and Biophysics; CNR, Naples
	1987-1988 Fellow in General pathology, Second University of Naples, Italy

ISTRUZIONE E FORMAZIONE

1987
Laurea in Medicina e Chirurgia
Università di Napoli Federico II

CAPACITÀ E COMPETENZE PERSONALI

PRIMA LINGUA: Italiano

ALTRE LINGUE

Inglese

- Capacità di lettura: ottima
- Capacità di scrittura: ottima
- Capacità di espressione orale: buona

CAPACITÀ E COMPETENZE RELAZIONALI

Honors

A.I.R.C. (Italian Association for Cancer Research) fellowship "G. Conte "Academy Award for Basic Research, Nicosia, Cipro
Start Cup Campania 2014

CAPACITÀ E COMPETENZE ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

Research Support

Telethon TIGEM 2006-2008, "The TRIM family as a novel class of ubiquitin E3 ligases", 60.000/year

Telethon Services 2007-2010, Mutation detection facility, € 60.000/year

Progetto ordinario del Ministero della Salute 2008-2010, RF-MUL-2007-666195, "The role myopalladin in human dilated cardiomyopathy and limb girdle muscular dystrophies €148.,800

FP7 Techgene 2009-2012, "Diagnosis of heterogeneous genetic diseases" € 175.650

Telethon TIGEM 2009-2011, exploratory projects, Gene therapy for cardiomyopathy and muscul dystrophy of the BIO 14.6 hamster, € 50.000/year

Telethon 2011-2013 "Clinical and laboratory network for LGMD diagnosis, in view of a national registry", € 23.500

Telethon 2012-2015 "Genetic Diagnosis of italian LGMD Patients by NGS Technology", € 240.800

Telethon 2012-2015"Myopalladin in Dilated Cardiomyopathy and Limb Girdle Muscular Dystrophy", € 98.100

Telethon TVNNGSTELD 2011-2016 "Next Generation Sequencing Core" € 630.000

Fondazione Stella Maris 2012-2015 GR-2010-2317029 "Integrated "OMIC" Approach to explore molecular pathogenesis and clinical heterogeneity in facioscapulo-humeral muscular dystrophy", € 48.000

Telethon 2015 " Medicina Traslazionale in Oncologia: Dalla Ricerca alla Terapia PON01_02418" , € 100.000
Telethon 2016-2018 "Telethon Undiagnosed Disease Program" € 1.406.000,00

CAPACITÀ E COMPETENZE TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

Competenze decennali nelle tecniche di laboratorio di genetica molecolare

CAPACITÀ E COMPETENZE ARTISTICHE
Musica, scrittura, disegno ecc.

ALTRE CAPACITÀ E COMPETENZE

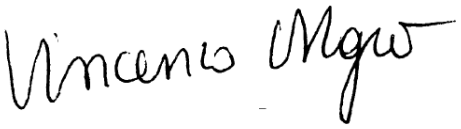
PATENTE O PATENTI Patente B conseguita nel 1979

ULTERIORI INFORMAZIONI

ALLEGATI Publications

Il sottoscritto è a conoscenza che, ai sensi dell'art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03.

NOME E COGNOME (FIRMA)



Napoli, 24/05/2016

PUBLICATIONS

Petillo R, D'Ambrosio P, Torella A, Taglia A, Picillo E, Testori A, Ergoli M, Nigro G, Piluso G, Nigro V, Politano L. Novel mutations in LMNA A/C gene and associated phenotypes. Acta Myol. 2015 Dec;34(2-3):116-9. PMID:27199538

Magri F, Nigro V, Angelini C, Mongini T, Mora M, Moroni I, Toscano A, D'Angelo MG, Tomelleri G, Siciliano G, Ricci G, Bruno C, Corti S, Musumeci O, Tasca G, Ricci E, Monforte M, Sciacco M, Fiorillo C, Gandossini S, Minetti C, Morandi L, Savarese M, Di Fruscio G, Semplicini C, Pegoraro E, Govoni A, Brusa R, Del Bo R, Ronchi D, Moggio M, Bresolin N, Comi GP. The Italian LGMD registry: Relative frequency, clinical features, and differential diagnosis. Muscle Nerve. 2016 May 17. doi: 10.1002/mus.25192. [Epub ahead of print]PMID:27184587

Giugliano T, Fanin M, Savarese M, Piluso G, Angelini C, Nigro V. Identification of an intragenic deletion in the SGCB gene through a re-evaluation of negative next generation sequencing results. Neuromuscul Disord. 2016 Mar 31. pii: S0960-8966(15)30076-6. doi: 10.1016/j.nmd.2016.02.013. [Epub ahead of print]PMID:27108072

Piga D, Magri F, Ronchi D, Corti S, Cassandrini D, Mercuri E, Tasca G, Bertini E, Fattori F, Toscano A, Messina S, Moroni I, Mora M, Moggio M, Colombo I, Giugliano T, Pane M, Fiorillo C, D'Amico A, Bruno C, Nigro V, Bresolin N, Comi GP. New Mutations in NEB Gene Discovered by Targeted Next-Generation Sequencing in Nemaline Myopathy Italian Patients. J Mol Neurosci. 2016 Apr 22. [Epub ahead of print]PMID:27105866

Fanin M, Torella A, Savarese M, Nigro V, Angelini C. GYG1 gene mutations in a family with polyglucosan body myopathy. Neurol Genet. 2015 Sep 24;1(3):e21. doi: 10.1212/NXG.0000000000000021. eCollection 2015 Oct. PMID:27066558

Savarese M, Musumeci O, Giugliano T, Rubegni A, Fiorillo C, Fattori F, Torella A, Battini R, Rodolico C, Pugliese A, Piluso G, Maggi L, D'Amico A, Bruno C, Bertini E, Santorelli FM, Mora M, Toscano A, Minetti C, Nigro V. Novel findings associated with MTM1 suggest a higher number of female symptomatic carriers. Neuromuscul Disord. 2016 Apr-May;26(4-5):292-9. doi: 10.1016/j.nmd.2016.02.004. Epub 2016 Feb 17.PMID:27017278

Astrea G, Petrucci A, Cassandrini D, Savarese M, Trovato R, Lispi L, Rubegni A, Giacanelli M, Massa R, Nigro V, Santorelli FM. Myoimaging in the NGS era: the discovery of a novel mutation in MYH7 in a family with distal myopathy and core-like features--a case report. BMC Med Genet. 2016 Mar 22;17:25. doi: 10.1186/s12881-016-0288-0.PMID:27005958

Grandone A, Torella A, Santoro C, Giugliano T, Del Vecchio Blanco F, Mutarelli M, Cirillo M, Cirillo G, Piluso G, Capristo C, Festa A, Marzuillo P, Del Giudice EM, Perrone L, Nigro V. Expanding the phenotype of RTTN varations:

a new family with primary microcephaly, severe growth failure, brain malformations and dermatitisClin Genet. 2016 Mar 4. doi: 10.1111/cge.12771. [Epub ahead of print]PMID:26940245

Motta M, Tatti M, Furlan F, Celato A, Di Fruscio G, Polo G, Manara R, Nigro V, Tartaglia M, Burlina A, Salvioli R. Clinical, biochemical and molecular characterization of prosaposin deficiency. Clin Genet. 2016 Feb 2. doi: 10.1111/cge.12753. [Epub ahead of print] PMID:26831127

Karali M, Persico M, Mutarelli M, Carissimo A, Pizzo M, Singh Marwah V, Ambrosio C, Pinelli M, Carrella D, Ferrari S, Ponzin D, Nigro V, Bernardo DD, Banfi S. High-resolution analysis of the human retina miRNome reveals isomiR variations and novel microRNAs. Nucleic Acids Res. 2016 Jan 26. pii: gkw039. [Epub ahead of print]PMID:2681941

Angelini C, Savarese M, Fanin M, Nigro V. Next generation sequencing detection of late onset Pompe disease. Muscle Nerve. 2016 Jan 21. doi: 10.1002/mus.25042. [Epub ahead of print]PMID:268002

Fanin M, Nigro V, Angelini C. Reply to: Incomplete penetrance in the LGMD1F Spanish familyMuscle Nerve. 2015 Sep 9. doi: 10.1002/mus.24898. [Epub ahead of print] No abstract available. PMID:26353085

Di Fruscio G, Schulz A, De CegliR, Savarese M, Mutarelli M, Parenti G, Banfi S, Braulke T, Nigro V, Ballabio A. LYSOPLEX: an efficient toolkit to detect DNA sequence variations in the autophagy-lysosomal pathway. Autophagy 2015 (in press)

Santoro C, Maietta A, Giugliano T, Melis D, Perrotta S, Nigro V, Piluso G. Arg1809 substitution in neurofibromin: further evidence of a genotype-phenotype correlation in neurofibromatosis type 1. Eur J Hum Genet. 2015 May 13. doi: 10.1038/ejhg.2015.93. PMID: 25966637

Di Fruscio G, Garofalo A, Mutarelli M, Savarese M, Nigro V. Are all the previously reported genetic variants in limb girdle muscular dystrophy genes pathogenic? Eur J Hum Genet. 2015 Apr 22. doi: 10.1038/ejhg.2015.76. PMID: 25898921

Savarese M, Di Fruscio G, Tasca G, Ruggiero L, Janssens S, De Bleecker J, Delpech M, Musumeci O, Toscano A, Angelini C, Sacconi S, Santoro L, Ricci E, Claes K, Politano L, Nigro V. Next generation sequencing on patients with LGMD and nonspecific myopathies: Findings associated with ANO5 mutations. Neuromuscul Disord. 2015 Mar 30. pii: S0960-8966(15)00106-6. doi: 10.1016/j.nmd.2015.03.011. PMID: 25891276

Maciąg A, Villa F, Ferrario A, Spinelli CC, Carrizzo A, Malovini A, Torella A, Montenero C, Parisi A, Condorelli G, Vecchione C, Nigro V, Montenero AS, Puca AA. Exome sequencing of a family with lone, autosomal dominant atrial flutter identifies a rare variation in ABCB4 significantly enriched in cases. BMC Genet. 2015 Feb 11;16:15. doi: 10.1186/s12863-015-0177-0. PMID: 25888430

Perillo L, Monsurrò A, Bonci E, Torella A, Mutarelli M, Nigro V. Genetic Association of ARHGAP21 Gene Variant with Mandibular Prognathism. J Dent Res. 2015 Apr;94(4):569-76. doi: 10.1177/0022034515572190. PMID: 25691070

Ferla R, Claudiani P, Savarese M, Kozarsky K, Parini R, Scarpa M, Donati MA, Sorge G, Hopwood JJ, Parenti G, Fecarotta S, Nigro V, Sivri HS, Van Der Ploeg A, Andria G, Brunetti-Pierri N, Auricchio A. Prevalence of anti-adeno-associated virus serotype 8 neutralizing antibodies and arylsulfatase B cross-reactive immunologic material in mucopolysaccharidosis VI patient candidates for a gene therapy trial. Hum Gene Ther. 2015 Mar;26(3):145-52. doi: 10.1089/hum.2014.109. PMID: 25654180

Fanin M, Peterle E, Fritegotto C, Nascimbeni AC, Tasca E, Torella A, Nigro V, Angelini C. Incomplete Penetrance in LGMD1F. Muscle Nerve. 2014 Dec 9. doi: 10.1002/mus.24539. PMID: 25487718

Villa F, Maciąg A, Spinelli CC, Ferrario A, Carrizzo A, Parisi A, Torella A, Montenero C, Condorelli G, Vecchione C, Nigro V, Montenero AS, Puca AA. A G613A missense in the Hutchinson's progeria lamin A/C gene causes a lone, autosomal dominant atrioventricular block. Immun Ageing. 2014 Nov 26;11(1):19. doi: 10.1186/s12979-014-0019-3. PMID: 25469153

Savarese M, Di Fruscio G, Mutarelli M, Torella A, Magri F, Santorelli FM, Comi GP, Bruno C, Nigro V. MotorPlex provides accurate variant detection across large muscle genes both in single myopathic patients and in pools of DNA samples. Acta Neuropathol Commun. 2014 Sep 11;2:100. doi: 10.1186/s40478-014-0100-3. PMID: 25214167.

Fanin M, Savarese M, Nascimbeni AC, Di Fruscio G, Pastorello E, Tasca E, Trevisan CP, Nigro V, Angelini C. Dominant muscular dystrophy with a novel SYNE1 gene mutation.Muscle Nerve. 2014 Aug 5. doi: 10.1002/mus.24357. PMID: 25091525

Nigro V, Piluso G. Spectrum of muscular dystrophies associated with sarcolemmal-protein genetic defects. Biochim Biophys Acta. 2014 Jul 30. pii: S0925-4439(14)00243-9. doi: 10.1016/j.bbadis.2014.07.023. PMID: 25086336

Fanin M, Nascimbeni A, Savarese M, Papa V, Cenacchi G, Nigro V, Angelini C

Familial Polyglucosan Body Myopathy with Unusual Phenotype. Neuropathol Appl Neurobiol. 2014 Jul 15. doi: 10.1111/nan.12171. PMID:25041762

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Nigro V, Savarese M. Genetic basis of limb-girdle muscular dystrophies: the 2014 update.Acta Myol. 2014 May;33(1):1-12. PMID:24843229

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Savarese M, Spinelli E, Gandolfo F, Lemma V, Di Fruscio G, Padoan R, Morescalchi F, D'Agostino M, Savoldi G, Semeraro F, Nigro V, Bonatti S. Familial Exudative Vitreoretinopathy caused by a Homozygous Mutation in TSPAN12 in a Cystic Fibrosis Infant. Ophthalmic Genet. 2014 Sep;35(3):184-6. PMID:23834558

Savarese M, Grandone A, Perone L, Blanco Fdel V, De Luca G, Di Fruscio G, Fogu G, Piluso G, Perrone L, del Giudice EM, Nigro V. Familial trisomy 6p in mother and daughter. Am J Med Genet A. 2013 Jul;161A(7):1675-81. PMID:23687068

Torella A, Fanin M, Mutarelli M, Peterle E, Del Vecchio Blanco F, Rispoli R, Savarese M, Garofalo A, Piluso G, Morandi L, Ricci G, Siciliano G, Angelini C, Nigro V. Next-generation sequencing identifies transportin 3 as the causative gene for LGMD1F. PLoS One. 2013 May 7;8(5):e63536. doi: 10.1371/journal.pone.0063536. PMID:23667635

Peterle E, Fanin M, Semplicini C, Padilla JJ, Nigro V, Angelini C. Clinical phenotype, muscle MRI and muscle pathology of LGMD1F. J Neurol. 2013 Aug;260(8):2033-41. PMID:23632945

Rotundo IL, Lancioni A, Savarese M, D'Orsi L, Iacomino M, Nigro G, Piluso G, Auricchio A, Nigro V. Use of a lower dosage liver-detargeted AAV vector to prevent hamster muscular dystrophy. Hum Gene Ther. 2013 Apr;24(4):424-30. PMID:23427808

Peluso I, Conte I, Testa F, Dharmalingam G, Pizzo M, Collin RW, Meola N, Barbato S, Mutarelli M, Ziviello C, Barbarulo AM, Nigro V, Melone MA; European Retinal Disease Consortium, Simonelli F, Banfi S, Orphanet. The ADAMTS18 gene is responsible for autosomal recessive early onset severe retinal dystrophy. J Rare Dis. 2013 Jan 28;8:16. doi: 10.1186/1750-1172-8-16. PMID:23356391

Nigro V, Piluso G

Next generation sequencing (NGS) strategies for the genetic testing of myopathies. Acta Myol. 2012 Dic;31(3):196-200. PMID:23620651

Savarese M, Piluso G, Orteschi D, Di Fruscio G, Dionisi M, Blanco Fdel V, Torella A, Giugliano T, Iacomino M, Zollino M, Neri G, Nigro V. Enhancer chip: detecting human copy number variations in regulatory elements. PLoS One. 2012;7(12):e52264. doi: 10.1371/journal.pone.0052264. PMID:23284961

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Nigro V, Aurino S, Piluso G. Limb girdle muscular dystrophies: update on genetic diagnosis and therapeutic approaches. Curr Opin Neurol. 2011 Oct;24(5):429-36. PMID: 21825984

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Cacciottolo M, Belcastro V, Laval S, Bushby K, Di Bernardo D, Nigro V. Reverse-engineering gene network identifies new dysferlin interacting proteins. J Biol Chem. 2011 Feb 18;286(7):5404-13. PMID: 21119217

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