BIOGRAPHICAL SKETCH

NAME: Davide **SURNAME:** Vecchio

TITLE and CURRENT POSITION: MD, PhD. Staff physician at Rare Diseases and Medical Genetics Unit. Academic Department of Pediatrics. Bambino Gesù Children's Hospital, IRCCS. Rome, Italy.

MAIN EDUCATION/TRAINING

Institution and Location	Degree	Completion Date	Level
"Nunziatella" Military School of Naples. Italian Army, Naples, Italy.	Upper Secondary School Diploma in Classical Studies	06/2002	100/100
School of Medicine. University of Palermo. Palermo, Italy.	2nd Cycle Degree in Medicine and Surgery	2002-2009	110/110 with honors
School of Medicine. University of Palermo. Palermo, Italy.	Medical Licensing Examination	10/2009	270/270
Post-graduate Residency School in Pediatrics. School of Medicine. Department of Sciences for Health Promotion and Mother and Child Care University of Palermo. Palermo, Italy.	Specialization in Pediatrics	05/2015	50/50 with honors
PhD School in Human Biology and Medical Genetics, Department of Experimental Medicine. Sapienza University of Rome. Rome, Italy.	PhD in Medical Genetics	11/2018	Excellent with honors

A. Positions and Honors

Positions

2015-2017 Post-graduate Pediatric-Residency Fellowship at the Neonatal Intensive Care Unit, AOUP "P. Giaccone", University Teaching Hospital of Palermo. Palermo, Italy.

2017-2018 Attending physician at the Medical Genetic Unit, Regional Referral Centre for Rare Genetic and Chromosomal Diseases, AOR "Villa Sofia-Cervello" Hospital. Palermo, Italy.

2019 - *to date* Staff physician at the Rare Diseases and Medical Genetics Unit. Academic Department of Pediatrics. Bambino Gesù Children's Hospital, IRCCS. Rome, Italy.

Stages

2015 Molecular Genetics of Intellectual Disabilities Unit (PI: Patrizia D'Adamo, PhD), Division of Neuroscience, San Raffaele Scientific Institute. Milan, Italy.

2018 - Prof. Eichler's laboratory. Department of Genome Sciences. University of Washington, Seattle, USA.

- Prof. Dobyns/Prof. Mirzaa's laboratory. Seattle Children's Research Institute. Center for Integrative Brain Research. Seattle, USA.

Awards

2016 ESPNIC (European Society of Paediatric Neonatal Intensive Care) Young Investigator Award 2016 - 3rd prize.
2016 ESHG (European Society of Human Genetics) fellowship for the 2016 course in Basic and Advanced Genetic Counseling.
2017 ESHG (European Society of Human Genetics) fellowship for the 2017 course in Genomics and NGS.
2018 Sapienza University of Rome Scholarship for international PhD student mobility grant.
2018 "Eleonora Cantamessa" – Galeno Foundation Young Researcher Award.
2019 Sapienza University of Rome and Sapienza Foundation - Premio Minerva II Edition's mention of Honor.
2019 Best oral presentation award at the 13th Congress of the Italian Society of Pediatric Genetic Diseases and Congenital Disabilities.
2020 Selected candidate for the second Training Course on "Quality assurance, variant interpretation and data management in the NGS diagnostic era" jointly organized by ESHG and EuroGentest in the context of the EJP RD (European Joint Program for Rare Diseases, GA 825575, 2019-2023) Pillar 3 WP 14.2.
2020 ESPR (European Society for Paediatric Research) Post-Doc Research Grant - ESPR Research Grant Program 2020 Awardee.
2021 Sapienza University of Rome's PhD final dissertation prize on the subject of disability.

B. Academic, Scientific and Public Service

Editorial

2022 Guest Associate Editor - Human and Medical Genomics' research topic - Frontiers in Genetics.
2019 Review Editor – Member of the Editorial Board of Pediatric Neurology (specialty section of Frontiers in Neurology and Frontiers in Pediatrics).
2017 Review Editor – Member of the Editorial Board of the Euromediterrean Biomedical Journal.

Reviewer

- Clinical Genetics
- American Journal of Medical Genetics – part A,
- Archives of Disease in Childhood,
- Italian Journal of Pediatrics,
- World Cancer Research Journal,
- Journal of Clinical Medicine,
- Case Reports in Immunology.

Invited seminars, lectures and/or international oral communications

- 11th Biennial International 22q11.2 Conference. Whistler, Canada. 11-13 July, 2018,
- 9th Excellence in Pediatrics Conference, EIP 2017. Vienna, Austria. 7-9 December, 2017,
- 6th Congress of the European Academy of Paediatric Societies, EAPS. Geneva, Switzerland, 21-25 October 2016,
- 1st Congress of the European Young Pediatricians Association, EURYPA. Istanbul, Turkey, 4-6 December 2015,
- 7th Europaediatrics Congress of the European Paediatric Association and the Union of National European Paediatric Societies and Associations (EPA/UNEPSA). Florence, Italy, 13-16 May 2015.

Scientific societies: membership, affiliation and service

- SIP – Italian Society of Pediatrics, young executive board member.
- ONSP - National Observatory for Trainees and Young Pediatricians, past president.
- ESPR – European Society for Pediatric Research, member.
- EURYPA - European Young Pediatricians Association, past executive and founding board member.
- SIGU - Italian Society of Human Genetics, member.
- SIMGePeD - Italian Society of Pediatric Genetic Diseases and Congenital Disabilities, member.

Public service

2016 - 2021 Italian Society of Pediatrics' delegate member at the Italian NGO Group for the Convention of the Rights of the Child to the UN Committee on the Rights of the Child (UN CRC Committee) under the High Commissioner for Human Rights.

2020 Italian Society of Pediatrics' delegate member at the National Observatory for Children and Adolescence, Italian Presidency of the Council of Ministers – Department for Family Policies.

C. Research Grant/Support

1) "Osteoimmunology in Gorham Stout Disease: identification of altered crosstalk between bone and immune cells in patients", supported by the ESPR (European Society for Paediatric Research) Post-Doc Research Grant - ESPR Research Grant Program 2020. 2020-2021. € 25.000,00.
2) "Shaping the future of omics science across disciplines: a targeted model in cancer genomics and neurosciences", supported by the Sapienza University of Rome - Internalization Area. 2017-2018. € 9.000,00.
3) "Intellectual disability, autism spectrum disorder and seizure due to distal 22q11.2 microduplication: clinical and molecular characterization of a new RAB-related syndrome", supported by the Galeno Foundation. 2017-2018. € 4.000,00.

D. Contribution to Science

Author IDs

ORCID: orcid.org/0000-0003-2907-3206; *Scopus*: 24449485500; *Researcher*: K-8166-2016

List of Publications (I): original papers and/or reviews

1) Macchiaiolo M, Panfili FM, **Vecchio D**, Cortellessa F, Gonfiantini MV, Buonuomo PS, Pietrobattista A, Francalanci P, Travaglini L, Bertini ES, El Hachem M, Bartuli A. Expanding phenotype of FAM111B-related disease focusing on liver involvement: Literature review, report of a case with end-stage liver disease and proposal for a new acronym. Am J Med Genet A. 2022 Jul 23. doi: 10.1002/ajmg.a.62906. PMID: 35869874.
2) **Vecchio D**, Cocciadiferro D, Macchiaiolo M, et al. Expanding the novel MAPKAPK5–related developmental disorder's genotype–phenotype correlation: Patient report and 19 months of follow-up. Clinical Genetics. 2022;1-7. doi:10.1111/cge.14150
3) Macchiaiolo M, Panfili FM, **Vecchio D**, Gonfiantini MV, Cortellessa F, Caciolo C, Zollino M, Accadia M, Seri M, Chinali M, Mammì C, Tartaglia M, Bartuli A, Alfieri P, Priolo M. A deep phenotyping experience: up to date in management and diagnosis of Malan syndrome in a single center surveillance report. Orphanet J Rare Dis. 2022 Jun 18;17(1):235. doi: 10.1186/s13023-022-02384-9. PMID: 35717370.
4) Buonuomo PS, El Hachem M, Mastrogiorgio G, Pisaneschi E, Diociaiuti A, Rana I, Macchiaiolo M, Capolino R, Gonfiantini MV, **Vecchio D**, Novelli A, Bartuli A. A pediatric case of TEK-Related malformations and marfanoid habitus: an incidental finding or a feature? Lymphology. 2022;55(1):36-39. PMID: 35896114.
5) Buonuomo PS, Mastrogiorgio G, Alfieri P, Terracciano A, Cesario C, Rana I, Macchiaiolo M, Veronika Gonfiantini M, **Vecchio D**, Cristina Digilio M, Lisa Dentici M, Cumbo F, Novelli A, Bartuli A. Two new cases of nonepileptic neurodevelopmental disorder due to GRIN2B variants and detailed clinical description of the behavioral phenotype. Clin Dysmorphol. 2022 Apr 1;31(2):74-78. doi: 10.1097/MCD.0000000000000408. PMID: 35238837.
6) Krzysztofiak A, Chiappini E, Venturini E, Gargiullo L, Roversi M, Montagnani C, Bozzola E, Chiurchiu S, **Vecchio D**, Castagnola E, Tomà P, Rossolini GM, Toniolo RM, Esposito S, Cirillo M, Cardinale F, Novelli A, Beltrami G, Tagliabue C, Boero S, Deriu D, Bianchini S, Grandin A, Bosis S, Ciarcià M, Ciofi D, Tersigni C, Bortone B, Trippella G, Nicolini G, Lo Vecchio A, Giannattasio A, Musso P, Serrano E, Marchisio P, Donà D, Garazzino S, Pierantoni L, Mazzone T, Bernaschi P, Ferrari A, Gattinara GC, Galli L, Villani A. Italian consensus on the therapeutic management of uncomplicated acute hematogenous osteomyelitis in children. Ital J Pediatr. 2021 Aug 28;47(1):179. doi: 10.1186/s13052-021-01130-4. PMID: 34454557; PMCID: PMC8403408.

7) Buonuomo PS, Mastrogiorgio G, Leone G, Rana I, Gonfiantini MV, Macchiaiolo M, **Vecchio D**, Gnazzo M, Bartuli A. Evolocumab in the management of children <10 years of age affected by homozygous familial hypercholesterolemia. Atherosclerosis. 2021 May;324:148-150. doi: 10.1016/j.atherosclerosis.2021.03.026. Epub 2021 Mar 28. PMID: 33824001.
8) Rossi M, Rana I, Buonuomo PS, Battafarano G, De Martino V, D'Agostini M, Porzio O, Cipriani C, Minisola S, De Vito R, **Vecchio D**, Gonfiantini MV, Jenkner A, Bartuli A, Del Fattore A. Stimulation of Treg Cells to Inhibit Osteoclastogenesis in Gorham-Stout Disease. Front Cell Dev Biol. 2021 Aug 27;9:706596. doi: 10.3389/fcell.2021.706596. PMID: 34513837; PMCID: PMC8430039.
9) Mastrogiorgio G, Macchiaiolo M, Buonuomo PS, Bellacchio E, Bordi M, **Vecchio D**, Brown KP, Watson NK, Contardi B, Cecconi F, Tartaglia M, Bartuli A. Clinical and molecular characterization of patients with adenylosuccinate lyase deficiency. Orphanet J Rare Dis. 2021 Mar 1;16(1):112. doi: 10.1186/s13023-021-01731-6. PMID: 33648541; PMCID: PMC7919308.
10) Rossi M, Rana I, Buonuomo PS, Battafarano G, Mariani E, D'Agostini M, Porzio O, De Martino V, Minisola S, Macchiaiolo M, De Vito R, **Vecchio D**, Gonfiantini MV, Jenkner A, Bartuli A, Del Fattore A. Dysregulated miRNAs in bone cells of patients with Gorham-Stout disease. FASEB J. 2021 Mar;35(3):e21424. doi: 10.1096/fj.202001904RR. PMID: 33609323.
11) **Vecchio D**, Macchiaiolo M, Gonfiantini MV, Bartuli A. Ancient Romans and Down Syndrome. Pediatr Res. 2021 Feb 2. doi: 10.1038/s41390-021-01366-0. Epub ahead of print. PMID: 33531671.
12) Bozzola E, Spina G, Valeriani M, Papetti L, Ursitti F, Agostiniani R, Mascolo C, Ruggiero M, Di Camillo C, Quondamcarlo A, Matera L, **Vecchio D**, Memo L, Villani A. Management of pediatric post-infectious neurological syndromes. Ital J Pediatr. 2021 Jan 25;47(1):17. doi: 10.1186/s13052-021-00968-y. PMID: 33494818; PMCID: PMC7836589.
13) Wang T, Hoekzema K, **Vecchio D**, Wu H, Sulovari A, Coe BP, Gillentine MA, Wilfert AB, Perez-Jurado LA, Kvarnung M, Sleyp Y, Earl RK, Rosenfeld JA, Geisheker MR, Han L, Du B, Barnett C, Thompson E, Shaw M, Carroll R, Friend K, Catford R, Palmer EE, Zou X, Ou J, Li H, Guo H, Gerdts J, Avola E, Calabrese G, Elia M, Greco D, Lindstrand A, Nordgren A, Anderlid BM, Vandeweyer G, Van Dijck A, Van der Aa N, McKenna B, Hancarova M, Bendova S, Havlovicova M, Malerba G, Bernardina BD, Muglia P, van Haeringen A, Hoffer MJV, Franke B, Cappuccio G, Delatycki M, Lockhart PJ, Manning MA, Liu P, Scheffer IE, Brunetti-Pierri N, Rommelse N, Amaral DG, Santen GWE, Trabetti E, Sedláček Z, Michaelson JJ, Pierce K, Courchesne E, Kooy RF; SPARK Consortium, Nordenskjöld M, Romano C, Peeters H, Bernier RA, Gecz J, Xia K, Eichler EE. Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. Nat Commun. 2020 Oct 1;11(1):4932. doi: 10.1038/s41467-020-18723-y. PMID: 33004838.
14) Villani A, Bozzola E, Staiano A, Agostiniani R, Del Vecchio A, Zamperini N, Marino F, **Vecchio D**, Corsello G. Facial masks in children: the position statement of the Italian pediatric society. Ital J Pediatr. 2020 Sep 15;46(1):132. doi: 10.1186/s13052-020-00898-1. PMID: 32933562.
15) Dong X, Tan NB, Howell KB, Barresi S, Freeman JL, **Vecchio D**, Piccione M, Radio FC, Calame D, Zong S, Eggers S, Scheffer IE, Tan TY, Van Bergen NJ, Tartaglia M, Christodoulou J, White SM. Bi-allelic LoF NRROS Variants Impairing Active TGF-β1 Delivery Cause a Severe Infantile-Onset Neurodegenerative Condition with Intracranial Calcification. American journal of human genetics, 2020, 106(4), 559–569.
16) Lo Bianco M, **Vecchio D**, Timpanaro TA, Arena A, Macchiaiolo M, Bartuli A, Sciuto L, Presti S, Sciuto S, Sapuppo A, Fiumara A, Marino L, Messina G, Pavone P. Deciphering the Invdupdel(8p) Genotype-Phenotype Correlation: Our Opinion. Brain sciences, 2020, 10(7), E451.
17) Dentici ML, Maglione V, Agolini E, Catena G, Capolino R, Lanari V, Novelli A, Sinibaldi L, **Vecchio D**, Gonfiantini MV, Macchiaiolo M, Digilio MC, Dallapiccola B, Bartuli A. TUBB3 E410K syndrome: Case report and review of the clinical spectrum of TUBB3 mutations. American journal of medical genetics. 2020, Jun 23.
18) Buonuomo PS, Mastrogiorgio G, Carletti M, Rana I, Macchiaiolo M, Gonfiantini MV, **Vecchio D**, Porzio O, Bartuli A. New Insights into the Role of Lipoprotein(a) as Predictor of Early Onset of Cardiovascular Disease in Pediatric Familial Hypercholesterolemia (FH). Pediatric cardiology, 2020, Jun 9.
19) Massimino CR, Smilari P, Greco F, Marino S, **Vecchio D**, Bartuli A, Parisi P, Cho SY, Pavone P. Poland Syndrome with Atypical Malformations Associated to a de novo 1.5 Mb Xp22.31 Duplication. Neuropediatrics, 2020, Feb 3.

20) Bozzola E, Spina G, Ruggiero M, **Vecchio D**, Caruso C, Bozzola M, Staiano AM, Agostiniani R, Del Vecchio A, Banderali G, Peroni D, Chiara A, Memo L, Turra R, Corsello G, Villani A. Media use during adolescence: the recommendations of the Italian Pediatric Society. Italian journal of pediatrics, 2019, 45(1), 149.
21) Serra G, Antona V, Schierz M, **Vecchio D**, Piro E, Corsello G. Esophageal atresia and Beckwith–Wiedemann syndrome in one of the naturally conceived discordant newborn twins: first report. Clin Case Rep, 2018
22) Maida C, Bonura C, Geraci D, Graziano G, Carattoli A, Rizzo A, Torregrossa MV, **Vecchio D**, Giuffrè, M. Outbreak of ST395 KPC-Producing Klebsiella pneumoniae in a Neonatal Intensive Care Unit in Palermo, Italy. Infection Control & Hospital Epidemiology, 2018, 1-3.
23) Geraci DM, Virga A, **Vecchio D**, Graziano G, Saporito L, Insinga V, Maida CM, Mammina C, Giuffrè M. The burden of Candida species colonization in NICU patients: a colonization surveillance study. Signa Vitae, 2017, 13(2): 71-75.
24) **Vecchio D**, Giuffrè M. The Coat-Hanger Angle Sign. The Journal of Pediatrics, 2016, 177: 325-325. e1.
25) Geraci DM, Giuffrè M, Bonura C, Graziano G, Saporito L, Insinga V, Rinaudo G, Aleo A, **Vecchio D**, Mammina C. A Snapshot on MRSA Epidemiology in a Neonatal Intensive Care Unit Network, Palermo, Italy. Frontiers in Microbiology 05/2016; 7.
26) Gray S, Raschetti R, Urenden Elicin P, Aversa S, Pamuk G, Ozdil M, Berlese P, Ferreira-Magalhaes M, Magner M, Ignat A, Valeriu Lupu V, Zsigmond B, Ghazaryan H, Rosenbaum S, Bendavid M, Bacquet M, Varga N, James D, Bon A, **Vecchio D**. European Young Pediatricians Association: Laying the Foundations for Collaboration, Integration, and Networking among Pediatricians of the Future. The Journal of Pediatrics 03/2016; 171.
27) Biasio LR, Corsello G, Costantino C, Fara GM, Giammanco G, Signorelli C, **Vecchio D**, Vitale F. Communication about vaccination: A shared responsibility. Human Vaccines & Immunotherapeutics 12.11, 2016, 2984-2987.
28) Giuffrè M, Geraci DM, Bonura C, Saporito L, Graziano G, Insinga V, Aleo A, Vecchio D, Mammina C. The Increasing Challenge of Multidrug-Resistant Gram-Negative Bacilli. Medicine 03/2016; 95(10).
29) Corsello G, Salzano E, **Vecchio D**, Antona V, Grasso M, Malacarne M, Carella M, Palumbo P, Piro E, Giuffrè M. Paternal uniparental disomy chromosome 14-like syndrome due a maternal de novo 160 kb deletion at the 14q32.2 region not encompassing the IG- and the MEG3-DMRs: Patient report and genotype-phenotype correlation. American Journal of Medical Genetics Part A 09/2015; 167(12).
30) Piccione M, Salzano E, **Vecchio D**, Ferrara D, Malacarne M, Pierluigi M, Ferrara I, Corsello G. 4p16.1-p15.31 duplication and 4p terminal deletion in a 3-years old Chinese girl: Array-CGH, genotype- phenotype and neurological characterization. European Journal of Paediatric Neurology 02/2015; 19(4).
31) Corsello G, **Vecchio D**. Green nail syndrome. Pediatrics International 10/2014; 56(5).
32) **Vecchio D**, Corsello G. An Unusual Oral Swelling. Journal of Pediatrics 09/2014; 165(6).
33) Piccione M, **Vecchio D**, Salzano E, Corsello G. Delineating a new critical region for juvenile myoclonic epilepsy at the 22q11.2 chromosome. Epilepsy & Behavior 09/2013; 29(3).
34) Piccione M, Vincenzo A, Graziano L, Consiglio V, Salzano E, **Vecchio D**, Lauricella SA, Corsello G. X-linked intellectual disability. Acta Medica Mediterranea 09/2013; 29.
35) Piro E, Antona V, Consiglio V, Ballacchino A, Graziano F, Giuffrè M, Alongi A, **Vecchio D**, Corsello G. Microcephaly a clinical-genetic and neurologic approach. Acta Medica Mediterranea 01/2013; 29(2).
36) Piro E, Consiglio V, Agrifoglio M, Sireci F, Ballacchino A, Salvago P, Martines F, Graziano F, Busè M, Sanfilippo C, **Vecchio D**, Salzano E. Diagnosis and follow-up of complex congenital malformations/mental retardation (MRA/MR). Acta Medica Mediterranea 01/2013; 29(2).
37) Vecchio D, Salzano E, Vecchio A, Roccella M. A rare unbalanced translocation 1;18 in a child with epilepsy, mild dysmorphology and mental retardation. Minerva pediatrica 06/2012; 64(3).
38) Piccione M, **Vecchio D,** Cavani S, Malacarne M, Pierluigi M, Corsello G. The first case of myoclonic epilepsy in a child with a 22q11.2 microduplication. American Journal of Medical Genetics Part A 12/2011; 155A(12).
39) **Vecchio D**, Salzano E, Vecchio A, Di Filippo T, Roccella M. A case of femoral-facial syndrome in a patient with autism spectrum disorders. Minerva pediatrica 08/2011; 63(4).
40) Lo Curto M, Casuccio A, Manzo V, Venezia S, Pardo F, Favara Scacco C, Giuliano M, Raieli V, Consolo F, Parisi L, Bommarito D, Conigliaro C, D'Anna MF, Favuzza F, Malizia V, Miceli S, **Vecchio D**, Corsello G. Pain in Paediatric Hospital Units. Italian Journal of Pediatrics 01/2008; 33(5).

41) Nardello R, Sanfilippo V, Compagno A, **Vecchio D**. Efficacy of zonisamide adjunctive therapy in a patient with refractory epilepsy associated with polymicrogyria and CSWS. Bollettino - Lega Italiana contro l'Epilessia 01/2008.

Publications (II): international conference and meeting abstracts published in peer-reviewed/international indexed journals

1) **Vecchio D**, Rossi M, Rana I, Buonuomo PS, Battafarano G, De Martino V, D'Agostini M, Porzio O, Cipriani C, Minisola S, De Vito R, Gonfiantini MV, Jenkner A, Bartuli A, Del Fattore A. Regulatory T cells' stimulation inhibits osteoclastogenesis in Gorham-Stout Disease. Proceedings of the 9th Congress of the European Academy of Paediatric Societies. Frontiers in Pediatrics: in press.
2) Coretti A, Macchiaiolo M, Gonfiantini MV, **Vecchio D**, Cortellessa F, Rana I, Buonuomo PS, Valente P, Bartuli A. A successful 11-year treatment with topical plasminogen, surgery and prosthetic eye fitting in severe ligneous conjunctivitis. Haemophilia. 2022 Feb; Vol 28 (S1): 110. Conference abstract (oral communication) in: final program of the 15th Annual Congress of European Association for Haemophilia and Allied Disorders 2022, 2–4 February 2022, Virtual Meeting.
3) Bozzola E, Spina G, Ruggiero M, **Vecchio D**, Bozzola M, Villani A. Adolescence, smartphone and tablets: a review of the literature. Italian Journal of Pediatrics 2019, 45(Suppl 3):A10.
4) **Vecchio D**. Neurodevelopmental disorders and neurodiversity. Proceedings of the 74th Congress of the Italian Society of Pediatrics. Italian Journal of Pediatrics 2018, 44(Suppl 3):A96.
5) Mauro N, **Vecchio D**, Utzeri M. Translational research: a research loop between innovation and sustainability issues. Italian Journal of Pediatrics 2019, 45(Suppl 3):A92.
6) **Vecchio D**, Moncada A, Giambona A, Salzano E, Piccione M. Solving the Complexity in Diagnosis of Autosomal Recessive Primary Microcephaly Through a Comprehensive Next Generation Sequencing Disease-Customized Genes Panel. Clinical Report and Genotype-Phenotype Correlation of an Homogeneous Patients' Cohort. Oral communication. 9th Excellence in Pediatrics Conference - 2017 Book of Abstracts, Cogent Medicine 2017, 4: 1408251.
7) Cardella F, Iafusco D, Puccio G, **Vecchio D**, Salzano E, Moceri G, Castiglione MC, Corsello G. The Honeymoon Phase's Predictive Factors at Onset: a Prospective Cohort Study on 181 Children with Type 1 Diabetes Mellitus (T1DM). Conference abstract. Diabetes Care, Supplement January 2013, Vol.9, n°4.
8) Cardella F, Iafusco D, Puccio G, **Vecchio D**, Salzano E, Moceri G, Castiglione MC, Navarra F, Corsello G. The "Honeymoon Phase" in Children with Type 1 Diabetes Mellitus (T1DM): Frequency, Duration and Predictive Factors at Onset. Conference abstract. Diabetes 2012 Jun. 61 Suppl. 1: A1-722.
9) Cardella F, Maggio R, Roppolo R, Plano M, Salzano E, **Vecchio D**, Corsello G. Glycaemic Variability in Diabetics Children and Adolescents. Conference abstract. Diabetes 2011 July 60 Suppl. 1: A582-A643.
10) Ministeri CM, Salzano E, Maccora I, Maccora S, **Vecchio D**, Piro E, Corsello G. Flash visual evoked potentials in infant with congenital microphthalmia. Conference abstract. Clinical Neurophysiology 2015. 126(1), e8-e9.
11) Vecchio A, **Vecchio D**, Raieli V, Consolo F, Compagno A, Santangelo G, Termine C. Non language-dependent indicators of headache in a three-year-old child with cerebral meningioma. Conference Abstract. Cephalalgia 2008, 28 (4):462.
12) **Vecchio D**, Vecchio A. A child with an acute secondary headache due to X histiocytosis. Poster. Proceedings of the XXVI National Congress of the Italian Society for the Study of Headaches. Modena, October 26 – 28, 2012. Conference abstract. The Journal of Headache and Pain 2012. 13 (Suppl.): S29-61.
13) **Vecchio D**, Piccione M, D'Adamo P, Mignogna M, Salzano E, Giuffrè M, Antona V, Caputo V, Pizzuti A, Nardello R, Piro E, Capobianco E, Corsello G. Intellectual disability, epilepsy and mild dysmorphisms due 22q11.2 distal duplication: clinical and molecular characterization of a 0.5 mb minimal critical region. Conference abstract. Eur J Pediatr 2016.
14) **Vecchio D**, Geraci D, Insinga V, Lagalla L, Rinaudo G, Graziano G, Saporito L, Mammina C, Corsello G, Giuffrè M. Prevention of Nosocomial Infections and Surveillance of Emerging Resistances in a Neonatal Intensive Care Unit (NICU): A Six-year Prospective Cohort Study. Conference abstract. Eur J Pediatr 2016.
15) Giuffrè M, **Vecchio D**, La Placa S, Pinello G, Piro E, Schierz IAM, Corsello G. Management of multiple pregnancy with an affected twin. Conference abstract. Italian Journal of Pediatrics 09/2015; 41(Suppl1).
16) Roncati D, Aversa S, Bon A, Mazza A, **Vecchio D**, Da Dalt L. Global health training in paediatric residency programs: the Italian experience. Conference abstract. Italian Journal of Pediatrics 09/2015; 41(Suppl 2).

17) Giuffrè M, Moceri G, **Vecchio D**, Antona V, Salzano E, Corsello G. Intellectual disabilitiy in developmental age. Conference abstract. Italian Journal of Pediatrics 09/2015; 41(Suppl 2).
18) Virga E, **Vecchio D**, Geraci DM, Graziano G, Saporito L, Insinga V, Maida CM, Mammina C, Giuffrè M, Candida SPP. Colonization in NICU: a 2-Year Surveillance Study. Conference abstract. Amer J Perinatol 2016; 33 (S01) - A034.

Publications (III): Other International Conference and/or International Meeting Accepted Abstracts

1) Macchiaiolo M, Panfili FM, Cortellessa F, **Vecchio D**, Gonfiantini, MV, Bartuli A. Ultrasound Evaluation of Spleen Size to Detect Splenomegaly in a Large Pediatric Cohort of 377 Italian Neurofibromatosis Type 1 Patients. Conference abstract (poster) in: final program of the 2022 NF Conference. Philadelphia, PA. June 18-21, 2022.
2) Kvarnung M, Wang T, Hoekzema K, **Vecchio D**, Wu H, Sulovari A, Coe BP, Gillentine MA, Wilfert AB, Lindstrand A, Nordgren A, Anderlid BA, Rosenfeld JA, Liu P, ASID Consortium, Scheffer IE, Brunetti-Pierri N, Rommelse N, Amaral DG, Santen GWE, Trabetti E, Sedláček Z, Michaelson JJ, Courchesne E, Kooy RF, The SPARK Consortium, Romano C, Peeters H, Bernier RA, Gecz J, Xia K, Eichler EE, Nordenskjöld M. Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. ESHG (European Society of Human Genetics) 2020 Virtual Conference. June 6–9, 2020.
3) Dong X, Tan NB, Howell KB, Barresi S, Freeman JL, **Vecchio D**, Piccione M, Radio FC, Calame D, Zong S, Eggers S, Scheffer I, Tan TT, Van Bergen NJ, Tartaglia M, Christodoulou J, White SM. Biallelic loss-of-function NRROS variants impairing active TGF-β1 delivery cause a severe infantile onset neurodegenerative condition with intracranial calcification. Conference abstract (oral communication) in: final program of the ESHG (European Society of Human Genetics) 2020 Virtual Conference. June 6–9, 2020.
4) **Vecchio D**, Caputo V, Nicosia A, Piccione M. Intellectual Disability, Autism Spectrum Disorder and Seizure due to 22q11.2q11.23 Microduplications: Clinical and Molecular Characterization of a New Neurodevelopmental Disorders' Genetic Driver. Conference abstract (oral communication) in: Final Program of 11th Biennial International 22q11.2 Conference. July 11 – 13, 2018 Whistler, British Columbia, Canada.
5) Di Cicco ME, Caldarelli V, Tagliati S, **Vecchio D**, Raschetti R, Cutrera R. Pediatric Pulmonology Education. In Italian Residency Programs. Conference abstract (2017) in: Final Program of WHEN KIDS CANNOT SLEEP (OR BREATHE). American Thoracic Society, p. A4154-A4154. Washington DC, USA, May 19-24, 2017.
6) Geraci DM, **Vecchio D**, Graziano G, Saporito L, Insinga V, Maida CM, et al. (2017). Impact of Candida species colonization and azoles resistance in a neonatal intensive care unit. Conference abstract (2017) in Final Programme of European Congress of Clinical Microbiology and Infectious Diseases. Vienna, Austria, April 22 – 25, 2017.
7) Piccione M, Antona V, Piro E, **Vecchio D**, Salzano E, Corsello G. Array CGH identifies a 823 kb Microduplication at 22q11.22 encompassing the Rab36 gene in a Child with Autism Spectrum Disorder and Mild Dysmorphism. Conference abstract (2012) in Final Program of International Meeting on CNVs and Genes in Intellectual Disability and Austism. Troina, Italy, April 24, 2012.

Publications (IV): book chapters

1) Fragapane T, Salzano E, **Vecchio D**, Piccione M. Neurofibromatosis Type 2, in "Vestibular schwannoma pathophysiology, diagnosis and treatment". I Ed., 2019. New York, Nova Science Publishers, Inc., Vol.1: 37-58.
2) M. Giuffrè, **D. Vecchio**. Trisomia 8 costituzionale in mosaico, in "Le Sindromi malformative: una guida per il pediatra". II Ed., 2017. Pisa, Pacini Editore Srl, Vol.1: 292-296.
3) G. Corsello, **D. Vecchio**. Dismorfologia, in "Pediatria dalla A alla Z guida pratica alla diagnosi ed al trattamento". I Ed., 2017. Milano, Edra SpA, pp. vv.

Publications (IV): others

- N° 8 original papers published in Italian indexed journal,
- N° 50 national conference and/or national meeting accepted abstracts (oral communications included).