

CURRICULUM VITAE
EUROPEAN FORMAT



PERSONAL INFORMATION

SURNAME, Name	CANTALUPO, GAETANO
e-mail	gaetano.cantalupo@univr.it
Nationality	Italian
Year of birth	1976
ORCID	0000-0003-1343-8434

WORK EXPERIENCE

2019 – present	<u>Associate Professor</u> in Child Neuropsychiatry (SSD MED/39) University of Verona, Italy
2011 – 2019	<u>Assistant Professor</u> in Child Neuropsychiatry (SSD MED/39) University of Verona, Italy
2013 – present	<u>Staff Physician</u> at Child Neuropsychiatry Unit Integrated University-Hospital of Verona, Italy

EDUCATION

2008 – 2013	Residency program in Child Neuropsychiatry, University of Parma, Italy Date of completion: 04-APR-2013 Thesis: «Riconoscimento delle espressioni facciali delle emozioni in bambini con pregresse convulsioni febbrili» [<i>Facial emotion recognition in children with antecedent febrile seizures</i>] Tutor: Prof. Giuseppe Cossu Final mark: 70/70 <i>cum laudae</i>
2002 – 2007	Residency program in Neurology, University of Bologna, Italy Date of completion: 20-NOV-2007 Thesis: «Ruolo dell'amigdala nella percezione e nel riconoscimento delle emozioni espresse dal volto: aspetti clinici e registrazioni intracerebrali nell'Uomo» [<i>Role of amygdala in perception and recognition of facial expression of emotion: clinical features and intracerebral recordings in Humans</i>] Tutor: Prof. Carlo Alberto Tassinari Co-tutor: Dott. Stefano Meletti Final mark: 70/70 <i>cum laudae</i>
1994 – 2002	Degree in Medicine and Surgery (MD), University of Bologna, Italy Date of completion: 21-MAR-2002 Thesis: «'La mano al viso': un comportamento modulato dalle crisi epilettiche» [<i>'hand-to-face': a behaviour modulated by epileptic seizures</i>]

Tutor: Prof. Carlo Alberto Tassinari

Final mark: 110/110 cum laudae

1989 – 1994 High school diploma at “Liceo Classico Dante Alighieri”, Agropoli (SA), Italy
Date of completion: 14-AUG-1994

FURTHER TRAINING

- 2018 Course title: “**Imaging convenzionale e avanzato nello studio dell’epilessia**” [*Conventional and advanced imaging in the study of epilepsy*]
Bologna, Italy
Scientific management: “Neuroimaging Committee” of the Italian League Against Epilepsy
- 2018 Course title: “**1st International Residential Course on Movement Disorders in Childhood**”
Tagliacozzo (AQ), Italy
Scientific management: Prof. Federico Vigeveno
- 2018 Course title: “**La valutazione dei General Movements secondo Prechtl**” [*Prechtl’s General Movements evaluation*]
IRCCS Fondazione Stella Maris, University of Pisa, Pisa, Italy
Scientific management: Prof. Giovanni Cioni and Prof. Andrea Guzzetta
- 2017 Course title: ‘Corso di Alta Formazione Universitario’ “**Disturbi del movimento nel bambino nuove acquisizioni scientifiche e strategie diagnostiche**” [*University Higher Education Course “Movement disorders in children, new scientific findings and diagnostic strategies”*]
Sapienza University of Rome, Rome, Italy
Scientific management: Prof. Vincenzo Leuzzi
- 2009 Course title: “**EGI International Summer School**” on High-density EEG recordings and signal analysis.
Verona, Italy
- 2003 Course title: “**5th EUREPA Course** – 16° Corso di base in epilettologia” [*Basic training in epileptology*]
Gargnano (BS), Italy
Scientific management: Prof. Raffaele Canger.

LANGUAGE FLUENCY

ITALIAN (NATIVE)

ENGLISH

AWARDS

2006 "Premio di Cultura per Meriti Scientifici" Lega Italiana Contro l'Epilessia [*Culture Price for Scientific Worth from Italian League Against Epilepsy*] for the contribute: Cantalupo G, Stanzani-Maserati M, Meletti S, Rubboli G, Tassinari CA. Aspetti clinici del miocloni negativo epilettico. [*Clinical features of epileptic negative myoclonus*].

2006 "Premio per il miglior poster" presentato al Congresso Nazionale della Società Italiana di Neurofisiologia Clinica (SINC 2006 Torino – Italy) [*Italian Clinical Neurophysiology Society best poster award – National Congress 2006*] for the contribute: Cantalupo G, Mai R, Vedovello M, Alessandria M, Tassinari CA, Tassi L, Lo Russo G, Meletti S. Potenziali evento-correlati intracranici registrati dal giro fusiforme in risposta a volti e parti di volto con espressione di paura e felicità. [*Intracranial event-related potentials to faces and face-parts encoding happiness and fear recorded from fusiform gyrus*].

2008 "European Chapter IFCN Travel Grant" for the European Congress of Clinical Neurophysiology in Istanbul (4-8 May 2008) for the contribute: Cantalupo G, Mai R, Benuzzi F, Nichelli P, Russo GL, Tassinari CA, Meletti S. Amygdala and fusiform gyrus responsivity to emotional faces and face parts: an intracerebral event-related potential study.

2009 "AAN International Scholarship Award" for the 2009 American Academy of Neurology Annual Meeting in Seattle, Washington (25 April – 2 May 2009) for the contribute: Cantalupo G, Benuzzi F, Rubboli G, Tassinari CA, Nichelli P, Meletti S. Impairment in Decoding Eye-Region Emotional Content in Mesial Temporal Lobe Epilepsy.

2010 "ECE Travel Bursary" for the 9th European Congress on Epileptology in Rhodes, Greece (27 June – 1 July 2010) for the contribute: Cantalupo G, Meletti S, Mazzotta S, Miduri A, Benuzzi F, Rios-Pohl L, Pisani F, Tassinari CA and Cossu G. Facial emotion recognition in children with history of febrile seizures.

SCIENTIFIC PUBLICATIONS

- **109** papers published on indexed journals (full authorship)
- **8** papers published on indexed journals (collaboration as study group member)
- **9** chapters in books
- **H-index:**
 - ◆ Scopus = 28
 - ◆ ISI Web of Science = 26
 - ◆ Google Scholar = 33

1) Papers on indexed Journals (most recent first)

1. Chiarello D, Cognolato E, Francione S, Nobile G, Bosisio L, Barbagallo G, Pacetti M, Tortora D, **Cantalupo G**, Nobili L, Consales A. Negative MRI and a seizure onset zone close to eloquent areas in FCD type II: Application of MRg-LITT after a SEEG re-evaluation in pediatric patients with a previous failed surgery. . *Epilepsy Behav* 2024; 153 doi.org/10.1016/j.yebeh.2024.109694.
2. Reale C, Di Claudio MT, Bianchi MR, Papantonio AM, **Cantalupo G**, Darra F, d'Orsi G. Recurrent catamenial absence status epilepticus persisting in post-menopausal period: The pivotal role of video-EEG. *Epileptic Disord*. 2024. [doi: 10.1002/epd2.20198](https://doi.org/10.1002/epd2.20198).

3. Proietti J, Fiorini E, **Cantalupo G**, Fontana E, Lo Barco T, Bonin C, Bernardina BD, Darra F. Refractory tonic-myoclonic status epilepticus with catamenial recurrence in epilepsy with myoclonic atonic seizures: A case report. *Heliyon*. 2024 Jan 14;10(2):e24747.
doi: 10.1016/j.heliyon.2024.e24747.
4. Nucera B, Perulli M, Alvisi L, Bisulli F, Bonanni P, Canafoglia L, **Cantalupo G**, Ferlazzo E, Granvillano A, Mecarelli O, Meletti S, Strigaro G, Tartara E, Assenza G. Use, experience and perspectives of high-density EEG among Italian epilepsy centers: a national survey. *Neurol Sci*. 2023 Nov 7
doi: 10.1007/s10072-023-07159-z.
5. Cavarzere P, Pausilli R, Nicolussi Principe L, Gaudino R, Guzzo A, **Cantalupo G**, Antoniazzi F. Decreased vitamin D levels in the pediatric population after COVID-19 lockdown. *Ital J Pediatr*. 2023 Sep 5;49(1):113.
doi: 10.1186/s13052-023-01515-7.
6. Musto E, Liao VWY, Johannesen KM, Fenger CD, Lederer D, Kothur K, Fisk K, Bennetts B, Vrielynck P, Delaby D, Ceulemans B, Weckhuysen S, Sparber P, Bouman A, Arden-Holmes S, Troedson C, Battaglia DI, Goel H, Feyma T, Bakhtiari S, Tjoa L, Boxill M, Demina N, Shchagina O, Dadali E, Kruer M, **Cantalupo G**, Contaldo I, Polster T, Isidor B, Bova SM, Fazeli W, Wouters L, Miranda MJ, Darra F, Pede E, Le Duc D, Jamra RA, Küry S, Proietti J, McSweeney N, Brokamp E, Andrews PI, Gouray Garcia M, Chebib M, Møller RS, Ahring PK, Gardella E. GABRA1-Related Disorders: From Genetic to Functional Pathways. *Ann Neurol*. 2023 Aug 22.
doi: 10.1002/ana.26774.
7. Nucera B, Rinaldi F, Dono F, Evangelista G, Consoli S, Proietti J, Lanzone J, Lo Barco T, Tappatà M, Cossu A, Narducci F, Zaboli A, **Cantalupo G**, Brigo F. Let the EEG speak my language: Italian translation of Standardized Computer-based Organized Reporting of EEG (SCORE). *Epileptic Disord*. 2023 Dec;25(6):919-922.
doi: 10.1002/epd2.20151.
8. Lo Barco T, Corona L, Solazzi R, Fiorini E, Galati G, Cossu A, Proietti J, Francione S, Dalla Bernardina B, Darra F, **Cantalupo G**. Gelastic seizures and "smiling spasms": A peculiar ictal pattern. *Epileptic Disord*. 2023 Apr;25(2):269-273.
doi: 10.1002/epd2.20012.
9. Cossu A, Lo Barco T, Proietti J, Dalla Bernardina B, **Cantalupo G**, Ghobert L, Brambilla I, Giarola E, Costa A, De Benito T, Bethge S, Cardot S, Montwill I, Remonato E, Gramaglia J, Darra F. Clinical characteristics of 80 subjects with KCNQ2-related encephalopathy: Results from a family-driven survey. *Epilepsy Behav*. 2023 May;142:109153
doi: 10.1016/j.yebeh.2023.109153.
10. Cossu A, Santos JL, Galati G, Nikanorova M, Costa P, Mang Y, Silahtaroglu A, Rubboli G, Tommerup N, Dalla Bernardina B, Møller RS, **Cantalupo G**, Gardella E. PRRT2 benign familial infantile seizures (BFIS) with atypical evolution to encephalopathy related to status epilepticus during sleep (ESES). *Neurol Sci*. 2023 Jun;44(6):2173-2176.
doi: 10.1007/s10072-023-06735-7.
11. Mirandola L, **Cantalupo G**, d'Orsi G, Meletti S, Vaudano AE, Di Vito L, Vignoli A, Tassi L, Pelliccia V. Ictal semiology of gelastic seizures. *Epilepsy Behav*. 2023 Feb 11;140:109025.
doi: 10.1016/j.yebeh.2022.109025.
12. Rubboli G, Gardella E, **Cantalupo G**, Tassinari CA. Encephalopathy related to status epilepticus during slow sleep (ESES). Pathophysiological insights and nosological considerations. *Epilepsy Behav*. 2023 Feb 7;140:109105.
doi: 10.1016/j.yebeh.2023.109105.

13. Nosadini M, Eyre M, Giacomini T, Valeriani M, Della Corte M, Praticò AD, Annovazzi P, Cordani R, Cordelli DM, Cricchiutti G, Di Rosa G, Dolcemascolo V, Fetta A, Freri E, Gallo P, Gastaldi M, Granata T, Grazian L, Iorio R, Lombardini M, Margoni M, Mariotto S, Matricardi S, Melani F, Nardocci N, Papetti L, Passarini A, Pisani F, Po' C, Puthenparampil M, Ragona F, Savasta S, Siliquini S, Toldo I, Tozzo A, Turco EC, Varone A, Vogrig A, Zuliani L, Bugin S, Rossato S, Orsini A, **Cantalupo G**, Mancardi MM, Ferilli MAN, Foiadelli T, Sartori S. Early Immunotherapy and Longer Corticosteroid Treatment Are Associated With Lower Risk of Relapsing Disease Course in Pediatric MOGAD. *Neurol Neuroimmunol Neuroinflamm*. 2023 Jan;10(1).
doi: 10.1212/NXI.000000000200065.
14. Giuliano L, Vecchio C, Mastrangelo V, Durante V, Zambrelli E, **Cantalupo G**, La Neve A, Ermio C, Mostacci B. Sex differences in side effects of antiseizure medications in pediatric patients with epilepsy: A systematic review. *Seizure*. 2022 Nov;102:6-13.
doi: 10.1016/j.seizure.2022.09.013.
15. Lo Barco T, Offredi F, Castino E, Proietti J, Cossu A, Fiorini E, Fontana E, **Cantalupo G**, Dalla Bernardina B, Darra F. Adaptive behaviour in adolescents and adults with Dravet syndrome. *Dev Med Child Neurol*. 2022.
doi: 10.1111/dmcn.15448.
16. Stamberger H, Crosiers D, Balagura G, Bonardi CM, Basu A, **Cantalupo G**, Chiesa V, Christensen J, Dalla Bernardina B, Ellis CA, Furia F, Gardiner F, Giron C, Guerrini R, Klein KM, Korff C, Krijtova H, Leffler M, Lerche H, Lesca G, Lewis-Smith D, Marini C, Marjanovic D, Mazzola L, McKeown Ruggiero S, Mochel F, Ramond F, Reif PS, Richard-Mornas A, Rosenow F, Schropp C, Thomas RH, Vignoli A, Weber Y, Palmer E, Helbig I, Scheffer IE, Striano P, Møller RS, Gardella E, Weckhuysen S. Natural History Study of STXBP1-Developmental and Epileptic Encephalopathy Into Adulthood. *Neurology*. 2022 Jul 19;99(3):e221-e233.
doi: 10.1212/WNL.000000000200715.
17. Balagura G, Xian J, Riva A, Marchese F, Ben Zeev B, Rios L, Sirsi D, Accorsi P, Amadori E, Astrea G, Baldassari S, Beccaria F, Boni A, Budetta M, **Cantalupo G**, Capovilla G, Cesaroni E, Chiesa V, Coppola A, Dilella R, Faggioli R, Ferrari A, Fiorini E, Madia F, Gennaro E, Giacomini T, Giordano L, Iacomino M, Lattanzi S, Marini C, Mancardi MM, Mastrangelo M, Messana T, Minetti C, Nobili L, Papa A, Parmeggiani A, Pisano T, Russo A, Salpietro V, Savasta S, Scala M, Accogli A, Scelsa B, Scudieri P, Spalice A, Specchio N, Trivisano M, Tzadok M, Valeriani M, Vari MS, Verrotti A, Vigevano F, Vignoli A, Toonen R, Zara F, Helbig I, Striano P. Epilepsy Course and Developmental Trajectories in STXBP1-DEE. *Neurol Genet*. 2022 Jun;8(3):e676.
doi: 10.1212/NXG.0000000000000676.
18. Proietti J, Fiorini E, Meneghello L, Cantalupo G, Fontana E, Lo Barco T, Bernardina BD, Darra F. Non-convulsive febrile status epilepticus mimicking a postictal state after a febrile seizure: an ictal electroclinical and evolutive study. *Epileptic Disord*. 2022 Apr 1;24(2):387-396.
doi: 10.1684/epd.2021.1402.
19. Piffer S, **Cantalupo G**, Filipponi S, Poretto V, Pellegrini M, Tanel R, Buganza M, Giometto B. Agrypnia excitata as the main feature in anti-leucine-rich glioma-inactivated 1 encephalitis: a detailed clinical and polysomnographic semiological analysis. *Eur J Neurol*. 2022 Mar;29(3):890-894.
doi: 10.1111/ene.15152.
20. De Maria B, Balestrini S, Mei D, Melani F, Pellacani S, Pisano T, Rosati A, Scaturro GM, Giordano L, **Cantalupo G**, Fontana E, Zammarchi C, Said E, Leuzzi V, Mastrangelo M, Galosi S, Parrini E, Guerrini R. Expanding the genetic and phenotypic spectrum of CHD2-related disease: From early neurodevelopmental disorders to adult-onset epilepsy. *Am J Med Genet A*. 2022 Feb;188(2):522-533.
doi: 10.1002/ajmg.a.62548.

21. Lo Barco T, De Gaetano L, Santangelo E, Bravi T, Proietti J, **Cantalupo G**, Brambilla I, Darra F. SYNGAP1-related developmental and epileptic encephalopathy: The impact on daily life. *Epilepsy Behav.* 2022 Feb;127:108500.
doi: 10.1016/j.yebeh.2021.108500.
22. Maguolo A, Rodella G, Giorgetti A, Nicolodi M, Ribeiro R, Dianin A, **Cantalupo G**, Monge I, Carcereri S, De Bernardi ML, Delledonne M, Pasini A, Campostrini N, Ion Popa F, Piacentini G, Teofoli F, Vincenzi M, Camilot M, Bordugo A. A Gain-of-Function Mutation on BCKDK Gene and Its Possible Pathogenic Role in Branched-Chain Amino Acid Metabolism. *Genes (Basel).* 2022 Jan 26;13(2).
doi: 10.3390/genes13020233.
23. Proietti J, Amadori E, Striano P, Ricci E, Cordelli DM, Bana C, Dilena R, Gardella E, Klint Nielsen JE, Pisani F, Lo Barco T, Fiorini E, Fontana E, Darra F, Dalla Bernardina B, **Cantalupo G**. Epilepsy features in ARID1B-related Coffin-Siris syndrome. *Epileptic Disord.* 2021 Dec 1;23(6):865-874.
doi: 10.1684/epd.2021.1356.
24. Johannesen KM, Gardella E, Gjerulfsen CE, Bayat A, Rouhl RPW, Reijnders M, Whalen S, Keren B, Buratti J, Courtin T, Wierenga KJ, Isidor B, Piton A, Faivre L, Garde A, Moutton S, Tran-Mau-Them F, Denommé-Pichon AS, Coubes C, Larson A, Esser MJ, Appendino JP, Al-Hertani W, Gamboni B, Mampel A, Mayorga L, Orsini A, Bonuccelli A, Suppiej A, Van-Gils J, Vogt J, Damioli S, Giordano L, Moortgat S, Wirrell E, Hicks S, Kini U, Noble N, Stewart H, Asakar S, Cohen JS, Naidu SR, Collier A, Brilstra EH, Li MH, Brew C, Bigoni S, Ognibene D, Ballardini E, Ruivenkamp C, Faggioli R, Afenjar A, Rodriguez D, Bick D, Segal D, Coman D, Gunning B, Devinsky O, Demmer LA, Grebe T, Pruna D, Cursio I, Greenhalgh L, Graziano C, Singh RR, **Cantalupo G**, Willems M, Yoganathan S, Góes F, Leventer RJ, Colavito D, Olivetto S, Scelsa B, Andrade AV, Ratke K, Tokarz F, Khan AS, Ormieres C, Benko W, Keough K, Keros S, Hussain S, Franques A, Varsalone F, Grønborg S, Mignot C, Heron D, Nava C, Isapof A, Borlot F, Whitney R, Ronan A, Foulds N, Somorai M, Brandsema J, Helbig KL, Helbig I, Ortiz-González XR, Dubbs H, Vitobello A, Anderson M, Spadafore D, Hunt D, Møller RS, Rubboli G. PURA-Related Developmental and Epileptic Encephalopathy: Phenotypic and Genotypic Spectrum. *Neurol Genet.* 2021 Dec;7(6):e613.
doi: 10.1212/NXG.0000000000000613.
25. Solazzi R, Fiorini E, Parrini E, Guerrini R, Bernardina BD, Nardocci N, **Cantalupo G**. Early-onset bradykinetic rigid syndrome and reflex seizures in a child with PURA syndrome. *Epileptic Disord.* 2021 Oct 1;23(5):745-748.
doi: 10.1684/epd.2021.1328.
26. Lo Barco T, Ghovert AL, Lucca F, Galati G, Proietti J, **Cantalupo G**. Reversible tremor in an infant with vitamin E deficiency and cystic fibrosis. *Lancet.* 2021 Jul 10;398(10295):156.
doi: 10.1016/S0140-6736(21)01048-5.
27. Iannone LF, Arena G, Battaglia D, Bisulli F, Bonanni P, Boni A, Canevini MP, **Cantalupo G**, Cesaroni E, Contin M, Coppola A, Cordelli DM, Cricchiuti G, De Giorgis V, De Leva MF, De Rinaldis M, d'Orsi G, Elia M, Galimberti CA, Morano A, Granata T, Guerrini R, Lodi MAM, La Neve A, Marchese F, Masnada S, Michelucci R, Nosadini M, Pilolli N, Pruna D, Ragona F, Rosati A, Santucci M, Spalice A, Pietrafusa N, Striano P, Tartara E, Tassi L, Papa A, Zucca C, Russo E, Mecarelli O; CBD LICE Italy Study Group. Results From an Italian Expanded Access Program on Cannabidiol Treatment in Highly Refractory Dravet Syndrome and Lennox-Gastaut Syndrome. *Front Neurol.* 2021;12:673135.
doi: 10.3389/fneur.2021.673135.
28. Darra F, Lo Barco T, Opri R, Parrini E, Bianchini C, Fiorini E, Simonati A, Dalla Bernardina B, **Cantalupo G**, Guerrini R. Migrating Focal Seizures and Myoclonic Status in ARV1-Related Encephalopathy. *Neurol Genet.* 2021 May 14;7(3):e593.
doi: 10.1212/NXG.0000000000000593.

29. Cossu A, Lo Barco T, Darra F, Fontana E, Fiorini E, Marangone M, Biban P, Dalla Bernardina B, **Cantalupo G** Remote Teamwork Management of NORSE During the COVID-19 Lockdown. *Neurol Clin Pract*. 2021;11(2):e170-e173.
doi: 10.1212/CPJ.0000000000001027.
30. Tonduti D, Mura E, Masnada S, Bertini E, Aiello C, Zini D, Parmeggiani L, **Cantalupo G**, Talenti G, Veggiotti P, Spaccini L, Iascone M, Parazzini C. Spinal cord involvement and paroxysmal events in "Infantile Onset Transient Hypomyelination" due to TMEM63A mutation. *J Hum Genet*. 2021 Mar 30. *[Epub]*
doi: 10.1038/s10038-021-00921-1.
31. Dilella R, Raviglione F, **Cantalupo G**, Cordelli DM, De Liso P, Di Capua M, Falsaperla R, Ferrari F, Fumagalli M, Lori S, Suppiej A, Tadini L, Dalla Bernardina B, Mastrangelo M, Pisani F; INNESCO Group. Consensus protocol for EEG and amplitude-integrated EEG assessment and monitoring in neonates. *Clin Neurophysiol*. 2021 Apr;132(4):886-903.
doi: 10.1016/j.clinph.2021.01.012.
32. Chinello M, Mauro M, **Cantalupo G**, Talenti G, Mariotto S, Balter R, De Bortoli M, Vitale V, Zaccaron A, Bonetti E, Di Carlo D, Barzaghi F, Cesaro S. Acute Cervical Longitudinally Extensive Transverse Myelitis in a Child With Lipopolysaccharide-Responsive-Beige-Like-Anchored-Protein (LRBA) Deficiency: A New Complication of a Rare Disease. *Front Pediatr*. 2020;8:580963.
doi: 10.3389/fped.2020.580963.
33. Lo Barco T, Osanni E, Bordugo A, Rodella G, Iascone M, Tenconi R, Barone R, Dalla Bernardina B, **Cantalupo G**. Epilepsy and movement disorders in CDG: Report on the oldest-known MOGS-CDG patient. *Am J Med Genet A*. 2020;185(1):219-222.
doi: 10.1002/ajmg.a.61916.
34. Pellegrin S, Baldeweg T, Pujar S, D'Arco F, **Cantalupo G**, Varadkar S, Cross JH. Immunomodulation with Azathioprine therapy in Rasmussen syndrome: A multimodal evaluation. *Neurology*. 2020;96(2):e267-e279
doi: 10.1212/WNL.00000000000011004.
35. Bozzetti S, Rossini F, Ferrari S, Delogu R, **Cantalupo G**, Marchiorello F, Zanette G, Zanoni T, Turatti M, Vitale G, Cadaldini M, Rossi F, Di Tizio L, Zuco C, Maniscalco GT, Soldani F, Monaco S, Trinka E, Hoeftberger R, Mariotto S. Epileptic seizures of suspected autoimmune origin: a multicentre retrospective study. *J Neurol Neurosurg Psychiatry*. 2020;91(11):1145-1153.
doi: 10.1136/jnnp-2020-323841.
36. Romagnoli M, Stanzani Maserati M, De Matteis M, Capellari S, Carbonelli M, Amore G, **Cantalupo G**, Zenesini C, Liguori R, Sadun AA, Carelli V, Park JC, La Morgia C. Chromatic Pupillometry Findings in Alzheimer's Disease. *Front Neurosci*. 2020;14:780.
doi:10.3389/fnins.2020.00780.
37. Maguolo A, Rodella G, Dianin A, Nurti R, Monge I, Rigotti E, **Cantalupo G**, Salviati L, Tucci S, Pellegrini F, Molinaro G, Lupi F, Tonin P, Pasini A, Campostrini N, Ion Popa F, Teofoli F, Vincenzi M, Camilot M, Piacentini G, Bordugo A. Diagnosis, genetic characterization and clinical follow up of mitochondrial fatty acid oxidation disorders in the new era of expanded newborn screening: A single centre experience. *Mol Genet Metab Rep*. 2020;24:100632.
doi:10.1016/j.ymgmr.2020.100632.
38. Palombo F, Graziano C, Al Wardy N, Nouri N, Marconi C, Magini P, Severi G, La Morgia C, **Cantalupo G**, Cordelli DM, Gangarossa S, Al Kindi MN, Al Khabouri M, Salehi M, Giorgio E, Brusco A, Pisani F, Romeo G, Carelli V, Pippucci T, Seri M. Autozygosity-driven genetic diagnosis in consanguineous families from Italy and the Greater Middle East. *Hum Genet*. 2020 *[Online ahead of print]*
doi:10.1007/s00439-020-02187-7.

39. Parissone F, Pucci M, Meneghelli E, Zuffardi O, Di Paola R, Zaffagnini S, Franchi M, Santangelo E, **Cantalupo G**, Cavarzere P, Antoniazzi F, Piacentini G, Gaudino R. A novel de novo partial xq duplication in a girl with short stature, nonverbal learning disability and diminished ovarian reserve - effect of growth hormone treatment and fertility preservation strategies: a case report and up-to-date review. *Int J Pediatr Endocrinol.* 2020;1. doi:10.1186/s13633-019-0071-z.
40. Vaudano AE, Avanzini P, **Cantalupo G**, Filippini M, Ruggieri A, Talami F, Caramaschi E, Bergonzini P, Vignoli A, Veggioni P, Guerra A, Gessaroli G, Santucci M, Canevini MP, Piccolo B, Pisani F, Gobbi G, Dalla Bernardina B, Meletti S. Mapping the Effect of Interictal Epileptic Activity Density During Wakefulness on Brain Functioning in Focal Childhood Epilepsies With Centrottemporal Spikes. *Front Neurol.* 2019;10:1316. doi: 10.3389/fneur.2019.01316.
41. Gardella E, **Cantalupo G**, Larsson PG, Fontana E, Bernardina BD, Rubboli G, Darra F. EEG features in Encephalopathy related to Status Epilepticus during slow Sleep. *Epileptic Disord.* 2019;21(S1):22-30. doi: 10.1684/epd.2019.1054.
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