

**Publications:**

- Young Investigator Award at the 25th International Epilepsy Congress, Lisbon October 2003
- Travel Bursary Award at the 6th European Epilepsy Congress, Vienna May

1. **Pisano T**, Marini C, Aridon P, Parrini E, Cianchetti C, Casari G, Pruna D, Guerrini R. Clinical and genetic study of a new large italian family with autosomal dominant nocturnal frontal lobe epilepsy. *Epilepsia* 44, suppl 8:130,2003

2. **Pisano T**, Marini C, Pruna D, Mei D, Moro F, Cianchetti C, Guerrini R. New LGI1 missense mutation in an italian family with lateral temporal lobe epilepsy and febrile seizures. *Epilepsia* 45, suppl 3:123,2004

3. **Pisano T**, Marini C, Brovedani P, Brizzolara D, Pruna D, Mei D, Moro F, Cianchetti C, Guerrini R. Abnormal phonological processing in familial lateral temporal lobe epilepsy due to a new LGI1 mutation. *Epilepsia* 46 (1):118-23,2005

4. C. Cianchetti, A. Fratta, **T.Pisano**, Laura Minafra. Pergolide improvement in neuroleptic-resistant Tourette cases: various mechanisms causing tics. *Neurol Sci* 26(2):137-9,2005

5. Aridon P, Marini C, Di Resta C, Brilli E, De Fusco M, Politi F, Parrini E, Manfredi I, **Pisano T**, Pruna D, Curia G, Cianchetti C, Pasqualetti M, Becchetti A, Guerrini R, Casari G. Increased sensitivity of the neuronal nicotinic receptor alpha 2 subunit causes familial epilepsy with nocturnal wandering and ictal fear. *Am J Hum Genet.* 2006 Aug; 79(2):342-50.

6. F. Moro, **T. Pisano**, B. Della Bernardina, R. Polli, A. Murgia, L. Toccante, F. Darra, A. Battaglia and R. Guerrini. Periventricular heterotopia in Fragile X syndrome *Neurology* 2006 Aug 22; 67(4):713-5.

7. G. Cossu, A. Mereu, M. Deriu, M. Melis, A. Molari, G. Melis, L. Minafra, **T. Pisano** et al. Prevalence study of primary blepharospasm (BSP) in Sardinia, Italy. *Mov Disord.* 2006 Nov;21(11):2005-8.

8. F. Becherini , **T. Pisano** \*, M. Castagna , A. Iannelli and R. Guerrini. Progressive hemispheric shrinking in hemimegalencephaly: a possible role for seizure related neuronal loss. *Dev Med Child Neurol.* 2008: 553-7.

9. **T Pisano**. M. Meloni, A. Nucaro, M. Falchi, C. Cianchetti and D. Pruna. Megalencephaly, polymicrogyria and hydrocephalus (MPPH syndrome): a new case with syndactyly. *Journal of Child Neurology.* 2008: 916-8.

10. M Falchi, G Palmas, **T Pisano** et al. Incidence of epilepsy in extremely low-birthweight infants (<1000 g): a population study of central and southern Sardinia. *Epilepsia.* 2009 Jan;50 Suppl 1:37-40

11. Cianchetti C, Cianchetti ME, **Pisano T**, Hmaidan Y. Treatment of migraine attacks by compression of temporal superficial arteries using a device. *Med Sci Monit.* 2009: CR185-8.

12. Cianchetti C, Serci MC, **Pisano T**, Ledda MG. Compression of superficial temporal arteries by a handmade device: a simple way to block or attenuate migraine attacks in children and adolescents. *J Child Neurol.* 2010 J:67-70.

13. Nucaro AL, Falchi M, **Pisano T**, Rossino R, Boscarelli F, Stoico G, Milia A, Montaldo C, Cianchetti C, Pruna D. Ring chromosome 14 mosaicism: an unusual case associated with developmental delay and epilepsy, characterized by genome array-CGH. *Am J Med Genet A.* 2010:234-6.

14. Capovilla G, Beccaria F, Bianchi A, Canevini MP, Giordano L, Gobbi G, Mastrangelo M, Peruzzi C, **Pisano T**, Striano P, Veggiani P, Vignoli A, Pruna D. Ictal EEG patterns in epilepsy with centro-temporal spikes. *Brain Dev.* 2011:301-9.

15. Nucaro A, Chillotti I, Pisano T, Pruna D, Cianchetti C. Progressive spastic paraparesis as a feature of tetrasomy 18p. *Am J Med Genet A*. 2010;2173-5.
16. Marini C, Mei D, Parmeggiani L, Norci V, Calado E, Ferrari A, Moreira A, **Pisano T**, Specchio N, Vigevano F, Battaglia D, Guerrini R. Protocadherin 19 mutations in girls with infantile-onset epilepsy. *Neurology*. 2010;646-53.
17. Melani F, Mei D, **Pisano T**, Savasta S, Franzoni E, Ferrari AR, Marini C, Guerrini R. CDKL5 gene-related epileptic encephalopathy: electroclinical findings in the first year of life. *Dev Med Child Neurol*. 2011 Apr;53(4):354-60.
18. Beghi E, Messina P, Pupillo E, Crichiutti G, Baglietto MG, Veggiotti P, Zamponi N, Casellato S, Margari L, Cianchetti C; TASCA Study Group. Collaborators (Pisano T 46). Satisfaction with antiepileptic drugs in children and adolescents with newly diagnosed and chronic epilepsy. *Epilepsy Res*. 2012;142-51.
19. Filippi L, Catarzi S, Gozzini E, Fiorini P, Falchi M, **Pisano T**, la Marca G, Donzelli G, Guerrini R. Hypothermia for neonatal hypoxic-ischemic encephalopathy: may an early amplitude-integrated EEG improve the selection of candidates for cooling? *J Matern Fetal Neonatal Med*. 2012;2171-6.
20. **Pisano T**, Barkovich AJ, Leventer RJ, Squier W, Scheffer IE, Parrini E, Blaser S, Marini C, Robertson S, Tortorella G, Rosenow F, Thomas P, McGillivray G, Andermann E, Andermann F, Berkovic SF, Dobyns WB, Guerrini R. Peritrigonal and temporo-occipital heterotopia with corpus callosum and cerebellar dysgenesis. *Neurology*. 2012;1244-51.
21. Marini C, Darra F, Specchio N, Mei D, Terracciano A, Parmeggiani L, Ferrari A, Sicca F, Mastrangelo M, Spaccini L, Canopoli ML, Cesaroni E, Zamponi N, Caffi L, Ricciardelli P, Grossi S, **Pisano T**, Canevini MP, Granata T, Accorsi P, Battaglia D, Cusmai R, Vigevano F, Dalla Bernardina B, Guerrini R. Focal seizures with affective symptoms are a major feature of PCDH19 gene-related epilepsy. *Epilepsia*. 2012;2111-9.
22. Filippi L, Fiorini P, Daniotti M, Catarzi S, Savelli S, Fonda C, Bartalena L, Boldrini A, Giampietri M, Scaramuzzo R, Papoff P, Del Balzo F, Spalice A, la Marca G, Malvagia S, Della Bona ML, Donzelli G, Tinelli F, Cioni G, **Pisano T**, Falchi M, Guerrini. Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI). *RBMC Pediatr*. 2012;144.
23. Rosati A, L'Erario M, Ilvento L, Cecchi C, **Pisano T**, Mirabile L, Guerrini R. Efficacy and safety of ketamine in refractory status epilepticus in children. *Neurology*. 2012;2355-8.
24. Michelucci R, Pasini E, Malacrida S, Striano P, Bonaventura CD, Pulitano P, Bisulli F, Egeo G, Santulli L, Sofia V, Gambardella A, Elia M, de Falco A, Neve AI, Banfi P, Coppola G, Avoni P, Binelli S, Boniver C, **Pisano T**, Marchini M, Dazzo E, Fanciulli M, Bartolini Y, Riguzzi P, Volpi L, de Falco FA, Giallonardo AT, Mecarelli O, Striano S, Tinuper P, Nobile C. Low penetrance of autosomal dominant lateral temporal epilepsy in Italian families without LGI1 mutations. *Epilepsia*. 2013;1288-97.
25. **Pisano T**, Spiller S, Mei D, Guerrini R, Cianchetti C, Friedrich T, Pruna D. Functional characterization of a novel C-terminal ATP1A2 mutation causing hemiplegic migraine and epilepsy. *Cephalgia*. 2013 Jul 9.
26. Weckhuysen S, Ivanovic V, Hendrickx R, Van Coster R, Hjalgrim H, Møller RS, Grønborg S, Schoonjans AS, Ceulemans B, Heavin SB, Eltze C, Horvath R, Casara G, **Pisano T**, Giordano L, Rostasy K, Haberlandt E, Albrecht B, Bevot A, Benkel I, Syrbe S, Sheidley B, Guerrini R, Poduri A, Lemke JR, Mandelstam S, Scheffer I, Angriman M, Striano P, Marini C, Suls A, De Jonghe P; KCNQ2 Study Group. Extending the KCNQ2 encephalopathy spectrum: clinical and neuroimaging findings in 17 patients. *Neurology*. 2013 Nov 5;81(19):1697-703.

27. The perceived burden of epilepsy: Impact on the quality of life of children and adolescents and their families. Cianchetti C, Messina P, Pupillo E, Crichiutti G, Baglietto MG, Veggiani P, Zamponi N, Casellato S, Margari L, Erba G, Beghi E; TASCA study group (**Pisano T**) Seizure 2015 Jan; 24:93-101.
28. **Pisano T**, Numis AL, Heavin SB, Weckhuysen S, Angriman M, Suls A, Podesta B, Thibert RL, Shapiro KA, Guerrini R, Scheffer IE, Marini C, Cilio MR. Early and effective treatment of KCNQ2 encephalopathy. Epilepsia. 2015 May; 56(5):685-91.
29. Giordano F, Spacca B, Barba C, Mari F, **Pisano T**, Guerrini R, Genitori L. Vertical extraventricular functional hemispherotomy: a new variant for hemispheric disconnection. Technical notes and results in three patients. Childs Nerv Syst. 2015 Nov; 31(11):2151-60.
30. Cellini E, Vignoli A, **Pisano T**, Falchi M, Molinaro A, Accorsi P, Bontacchio A, Pinelli L, Giordano L, Guerrini R, FOXG Syndrome Study Group. The hyperkinetic movement disorder of FOXG1-related epileptic-dyskinetic encephalopathy. Dev Med Child Neurol. 2016 Jan; 58(1):93-97.
31. Pal DK, Ferrie, Addis L, Akiyama T, Capovilla G, Caraballo R, de Saint-Martin A, Fejerman N, Guerrini R, Hamandi K, Helbig I, Ioannides AA, Kobayashi K, Lal D, Lesca G, Muhle H, Neubauer BA, **Pisano T**, Rudolf G, Seegmuller C, Shibata T, Smith A, Striano P, Strug LJ, Szepetowski P, Valeta T, Yoshinaga H, Koutroumanidis M Idiopathic focal epilepsies: the "lost tribe". Epileptic Disord. 2016 Sep 1;18::2522-88.
32. Parrini E, Marini , Mei D, Galuppi A, Cellini E, Pucatti D, Chiti L, Rutigliano D, Bianchini C, Virdò S, De Vita D, Bigoni S, Barba C, Mari F, Montomoli M, **Pisano T**, Rosati A; Clinical Study Grou. Diagnostic Targeted Resequencing in 349 Patients with Drug-Resistant Pediatric Epilepsies Identifies Causative Mutations in 30 Different Genes. Guerrini R. Hum Mutat. 2016 Nov 19
- 33 Filippi L, Fiorini P, Catarzi S, Berti E, Padrini L, Landucci E, Donzelli G, Bartalena L, Fiorentini E, Boldrini A, Giampietri M, Scaramuzzo RT, la Marca G, Della Bona ML, Fiori S, Tinelli F, Bancale A, Guzzetta A, Cioni G, **Pisano T**. Falchi M, Guerrini R. Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI): a feasibility study. . J Matern Fetal Neonatal Med. 2017 Mar 28:1-8.
34. Marini C, Hardies K,, Pisano T, May P, Weckhuysen S, Cellini E, Suls A, Mei D, Balling R, Jonghe PD, Helbig I, Garozzo D; EuroEPINOMICS consortium AR working group, Guerrini . Recessive mutations in SLC35A3 cause early onset epileptic encephalopathy with skeletal defects. Am J Med Genet A. 2017; 17:1119-1123.
35. Rubegni A, **Pisano T**. et al. Leigh-like neuroimaging features associated with new biallelic mutations in OPA1. Journal: European Journal of Paediatric Neurology EJPN\_2016\_3
36. Rubegni A, **Pisano T**, Nesti C, Guerrini R, Santorelli FM. Response to the letter to the Editor regarding "Leigh-like neuroimaging features associated with new bi-allelic mutations in OPA1". Eur J Paediatr Neurol. 2017 S1090-3798: 31712-31719
37. Syrbe S, Harms FL, Parrini E, Montomoli M, Mütze U, Helbig KL, Polster T, Albrecht B, Bernbeck U, van Binsbergen E, Biskup S, Burglen L, Denecke J, Heron B, Heyne HO, Hoffmann GF, Hornemann F, Matsushige T, Matsuura R, Kato M, Korenke GC, Kuechler A, Lämmer C, Merkenschlager A, Mignot C, Ruf S, Nakashima M, Saitsu H, Stamberger H, **Pisano T**, Tohyama J, Weckhuysen S, Werckx W, Wickert J, Mari F, Verbeek NE, Møller RS, Koeleman B, Matsumoto N, Dobyns WB, Battaglia D, Lemke JR, Kutsche K, Guerrini R Delineating SPTAN1 associated phenotypes: from isolated epilepsy to encephalopathy with progressive brain atrophy. Brain. 2017 1; 140:2322-2336.

38. Marini C, Porro A, Rastetter A, Dalle C, Rivolta I, Bauer D, Oegema R, Nava C, Parrini E, Mei D, Mercer C, Dhamija R, Chambers C, Coubes C, Thévenon J, Kuentz P, Julia S, Pasquier L, Dubourg C, Carré W, Rosati A, Melani, **Pisano T**, Giardino M, Innes AM, Alembik Y, Scheidecker S, Santos M, Figueiroa S, Garrido C, Fusco C, Frattini , Spagnoli C, Binda A, Granata T, Ragona F, Freri E, Franceschetti S, Canafoglia L, Castellotti B, Gellera C, Milanesi R, Mancardi MM, Clark DR, Kok F, Helbig KL, Ichikawa S, Sadler, Neupauerová J, Laššuthova P, Šterbová K, Laridon A, Brilstra E, Koeleman B, Lemke JR, Zara F, Striano P, Soblet J, Smits G, Deconinck N, Barbuti A, DiFrancesco D, LeGuern E, Guerrini R, Santoro B, Hamacher K, Thiel G, Moroni A, DiFrancesco JC, Depienne C. HCN1 mutation spectrum: from neonatal epileptic encephalopathy to benign generalized epilepsy and beyond. *Brain*. 2018 1; 141:3160-3178.

Florence 7.01.2019

Dr Tiziana Pisano