

**CURRICULUM VITAE**  
**SARA MATRICARDI, M.D., Ph.D.**

**June 2023**

- Position and Address:** **Assistant Professor in Child Neurology and Psychiatry**  
Department of Medicine and Aging Sciences,  
University “G. d’Annunzio” of Chieti and Pescara,  
Via dei Vestini 5, 66100 Chieti, Italy  
Cell. Phone # +39 328 0625619  
e-mail: [sara.matricardi@unich.it](mailto:sara.matricardi@unich.it)
- Date and Place of Birth:** May 4<sup>th</sup>, 1980: Ortona (CH), Italy
- Desired employment/ : Occupational field** : **Medical Doctor, Assistant Professor**  
**Board Certified in Child and Adolescent Neuropsychiatry**  
**Board Certified in Pediatrics**  
**Doctor of Philosophy**
- Work experience:**
- Nov 2022 → **Assistant Professor**  
Department of Medicine and Aging Sciences,  
University “G. d’Annunzio” of Chieti and Pescara, Chieti, Italy
- May 2017 → **Full time and permanent Senior Consultant**  
Child Neurology and Psychiatry Unit  
Children’s Hospital “G. Salesi”  
Ospedali Riuniti Ancona, Italy  
**on leave since Nov 2022**
- Jan 2017 → Apr 2017 **M.D. Consultant**  
Collaborative research project: “Development and Epilepsy. Strategies for Innovative Research to improve diagnosis, prevention and treatment in children with difficult to treat Epilepsy”  
Department of Pediatric Neurosciences, Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Jun 2011 → Jul 2016 **Resident in Pediatrics**  
Department of Pediatrics and Pediatric Neurology Unit, University “G. d’Annunzio” of Chieti, Italy.
- May 2013 → Oct 2014 **Visiting Physician**  
Collaborative research project: “Rasmussen Encephalitis: long-term outcomes and future therapeutic approaches”.  
Department of Pediatric Neurosciences, Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Mar 2012 → Apr 2012 **Visiting Physician**  
Collaborative research project: “Electroclinical features of idiopathic generalized epilepsy with absences and atypical aspects”. Clinical Epileptology and Experimental Neurophysiology Unit, Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Dec 2010 → Jun 2011 **M.D. Consultant**

Department of Pediatrics and Pediatric Neurology Unit, University “G. d’Annunzio” of Chieti, Italy.

2005 → 2010

**Resident in Child and Adolescent Neuropsychiatry**

Child and Adolescent Neuropsychiatry Unit, University of L’Aquila, “S. Salvatore” Hospital, L’Aquila, Italy

2009 → 2011

**M.D. Consultant**

“Rainbow” research study on Post-Traumatic Stress Disorder (PTSD) in children after earthquake on April 2009 in Abruzzo.

“Casa Generalizia Ordine Chierici Regolari, Ministri degli Infermi” – Camillian Task Force, also by P. Feo e S. Vicari, Child and Adolescent Neuropsychiatry Unit Department of Neuroscience, IRCCS Children’s Hospital “Bambino Gesù”, Rome.

Jan 2009 → May 2009

**Intern M.D. in the LLP/Erasmus Placement 2008/2009 Programme**

Neurometabolism Department, Hôpital Necker – Enfants Malades  
Université Paris Descartes, 149 Rue Sèvres, 75015 Paris, France  
Monsieur le Professeur Olivier Dulac

2003 → 2005

**Intern Student**

Department of Pediatrics and Pediatric Neurology Unit, University “G. d’Annunzio” of Chieti, Italy.

1999 → 2000

**Intern Student**

Molecular and genetic research studies on cells.

Department of Biomorphology, University “G. d’Annunzio” of Chieti, Italy.

Summer 1997

**Intern Student**

Molecular and genetic research studies on cells and animals.

Thrombosis Pharmacology Laboratory “Angela Valenti”, Center of Pharmacology and Biomedical Research “Mario Negri Sud”, Santa Maria Imbaro (CH), Italy.

***Education and training:***

Mar 2021

**Doctor of Philosophy**

Course of “Human Health” – XXXIII cycle  
Marche Polytechnic University, Ancona, Italy

Jul 2016

**Postgraduate Specialization in Pediatrics**

award with 70/70 cum laude  
University “G. d’Annunzio” of Chieti, Italy

Dec 2010

**Postgraduate Specialization in Child and Adolescent Neuropsychiatry**

award with 50/50 cum laude  
University of L’Aquila, Italy

Mar 2006

**M.D. Degree in Medicine and Surgery**

award with 110/110 cum laude  
University “G. d’Annunzio” of Chieti, Italy

July 1998

**High School degree on scientific subjects and experimental English and French languages**

award with 60/60

Liceo Scientifico Statale “F. Masci”, Chieti, Italy.

***Other Educational and Professional Qualifications:***

- Sep 2019                    **8<sup>th</sup> Eilat International Educational Course (Bursary Award)**  
Pharmacological treatment of epilepsy  
Jerusalem, Israel
- July 2018                    **16<sup>th</sup> International Course on Epilepsy**  
Advanced San Servolo Summer Course: Epilepsies in childhood and adolescence: diagnosis, management, evolution and transition to adult medical care  
International School of Neurological Sciences in Venice  
Venice International University, San Servolo, Venice, Italy
- Nov 2017                    **Certificate Course on Statistics for scientific research**  
Catholic University, Rome, Italy
- Nov 2017                    **Certificate Advanced Course on Movement Disorders in Childhood**  
“La Sapienza” University, Rome, Italy
- Feb 2017                    **Certificate Advanced Course on Pediatric Electroencephalography**  
Department of Neurosciences, Neurology Unit, Bambino Gesù Children's Hospital, IRCCS, Rome, Italy
- May 2014                    **Master’s degree in Epileptology**  
University of Ferrara Medical School, in collaboration with Venice International University
- Nov 2013                    **Certificate 28<sup>th</sup> Advanced Course on Epileptology and Electroencephalography.**  
Clinical Neurophysiology, University of Milan; Epilepsy Center “San Paolo” Hospital– Milan. Palazzo Feltrinelli, Gargnano (BS), Italy
- Jul 2012                    **10<sup>th</sup> International Course on Epilepsy (Bursary Award)**  
Advanced International Course: “Management of seizures and epilepsies among neonates and infants”  
International School of Neurological Sciences in Venice  
Venice International University, San Servolo, Venice, Italy
- Feb 2010                    **Certificate Microcounseling & Microcoaching Introduction Course**  
Introduction to Master Gestalt Counseling  
“Associazione per lo Sviluppo Psicologico dell’Individuo e della Comunità” (ASPIC), L’Aquila, Italy
- Nov 2009                    **Certificate 20<sup>th</sup> Course on Epileptology and Electroencephalography**  
9th European Course. Clinical Epileptology and Neurophysiology of drug-resistant epilepsies  
Clinical Neurophysiology, University of Milan; Epilepsy Center “San Paolo” Hospital– Milan. Palazzo Feltrinelli, Gargnano (BS), Italy
- Aug 2006 →                Participation in several multicenter clinical trials as sub-investigator or PI, and regular training on GCP.

***Honors and Awards:***

Jun 2014

**Prize for the Best Scientific Contribution**

37<sup>th</sup> National Congress of LICE – Lega Italiana contro l’Epilessia, Trieste, Italy

***Personal skills and competences***

Mother tongue

**Italian**

Other language(s)

Self-assessment

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interact	Spoken production	
<b>English</b>	C1	C2	C1	C2	C2
<b>French</b>	C1	C2	C1	C2	C2

## **Publications:**

1. Verrotti A, **Matricardi S**, Manco R, Chiarelli F.  
Bone metabolism and vitamin D levels in carbamazepine - treated patients.  
Epilepsia 2006 Sep;47(9):1586. doi: 10.1111/j.1528-1167.2006.00843\_2.x **I.F. 3.526**
2. Verrotti A, Manco R, **Matricardi S**, Franzoni E, Chiarelli F.  
Antiepileptic drugs and visual function.  
Pediatr Neurol 2007 Jun;36(6):353-60. doi: 10.1016/j.pediatrneurol.2007.03.001 **I.F. 1.375**
3. Franzoni E, Verrotti A, Sarajlija J, Garone C, **Matricardi S**, Salerno GG, Monti M.  
Topiramate: effects on serum lipids and lipoproteins levels in children.  
Eur J Neurol 2007 Dec;14(12):1334-7. doi: 10.1111/j.1468-1331.2007.01973.x **I.F. 2.580**
4. Verrotti A, Striano P, Belcastro V, **Matricardi S**, Villa MP, Parisi P.  
Migraine and related conditions: advances in pathophysiology and classification.  
Seizure 2011 May;20(4):271-5. doi: 10.1016/j.seizure.2011.02.012 **I.F. 1.798**
5. Parisi P, **Matricardi S**, Tozzi E, Sechi E, Martini C, Verrotti A.  
Benign epilepsy of childhood with centro-temporal spikes (BECTS) versus migraine: a neuropsychological assessment.  
Childs Nerv Syst 2012 Dec;28(12):2129-35. doi: 10.1007/s00381-012-1867-9 **I.F. 1.241**
6. Verrotti A, **Matricardi S**, Capovilla G, D'Egidio C, Cusmai R, Romeo A, Pruna D, Pavone P, Cappanera S, Granata T, Gobbi G, Striano P, Grosso S, Parisi P, Franzoni E, Striano S, Spalice A, Marino R, Vigeveno F, Coppola G.  
Reflex myoclonic epilepsy in infancy: a multicenter clinical study.  
Epilepsy Res 2013 Feb;103(2-3):237-44. doi: 10.1016/j.eplesyres.2012.07.004 **I.F. 2.190**
7. Verrotti A, **Matricardi S**, Di Giacomo DL, Rapino D, Chiarelli F, Coppola G.  
Neuropsychological impairment in children with rolandic epilepsy and in their siblings.  
Epilepsy Behav 2013 Jul;28(1):108-12. doi: 10.1016/j.yebeh.2013.04.005 **I.F. 2.061**
8. Verrotti A, **Matricardi S**, Pavone P, Marino R, Curatolo P.  
Reflex myoclonic epilepsy in infancy: a critical review.  
Epileptic Disord 2013 Jun;15(2):114-22. doi: 10.1684/epd.2013.0584 **I.F. 0.899**
9. Verrotti A, Filippini M, **Matricardi S**, Agostinelli MF, Gobbi G.  
Memory impairment and benign epilepsy with centrotemporal spike (BECTS): a growing suspicion.  
Brain Cogn 2014 Feb;84(1):123-31. doi: 10.1016/j.bandc.2013.11.014 **I.F. 2.477**
10. **Matricardi S**, Verrotti A, Chiarelli F, Cerminara C, Curatolo P.  
Current advances in childhood absence epilepsy.  
Pediatr Neurol 2014 Mar;50(3):205-12. doi: 10.1016/j.pediatrneurol.2013.10.009 **I.F. 1.695**
11. Cusmai R, Verrotti A, Moavero R, Curatolo P, Battaglia D, **Matricardi S**, Spalice A, Vigeveno F, Pruna D, Parisi P, D'Aniello A, Di Gennaro G, Coppola G.  
Rufinamide for the treatment of refractory epilepsy secondary to neuronal migration disorders.  
Epilepsy Res 2014 Mar;108(3):542-6. doi: 10.1016/j.eplesyres.2014.01.013 **I.F. 2.015**
12. Granata T, **Matricardi S**, Ragona F, Freri E, Casazza M, Villani F, Deleo F, Tringali G, Gobbi G, Tassi L, Lo Russo G, Marras CE, Specchio N, Vigeveno F, Fusco L.  
Hemispherotomy in Rasmussen encephalitis: long-term outcome in an Italian series of 16 patients.  
Epilepsy Res 2014 Aug;108(6):1106-19. doi: 10.1016/j.eplesyres.2014.03.018 **I.F. 2.015**
13. Ragona F, **Matricardi S**, Castellotti B, Patrini M, Freri E, Binelli S, Granata T.  
Refractory absence epilepsy and glut1 deficiency syndrome: a new case report and literature review.  
Neuropediatrics 2014 Oct;45(5):328-32. doi: 10.1055/s-0034-1378130 **I.F. 1.240**
14. Deleo F, **Matricardi S**, Didato G, Montano N, Gnatkovsky V, Romito LM, Battaglia G, Spreafico R, Villani F.

- An unusual behavioural and motor paroxysmal disorder caused by insulinoma-related hypoglycemia: A possible cause of epilepsy misdiagnosis.  
Seizure 2014 Nov;23(10):909-11. doi: 10.1016/j.seizure.2014.06.018 **I.F.1.822**
15. Thiele EA, Granata T, **Matricardi S**, Chugani HT.  
Transition into adulthood: tuberous sclerosis complex, Sturge-Weber syndrome, and Rasmussen encephalitis.  
Epilepsia 2014 Aug;55 Suppl 3:29-33. doi: 10.1111/epi.12722 **I.F. 4.571**
  16. Verrotti A, Cusmai R, Darra F, Martelli P, Accorsi P, Bergamo S, Bevivino E, Coppola G, Freri E, Grosso S, **Matricardi S**, Parisi P, Sartori S, Spalice A, Specchio N, Carelli A, Zini D, Dalla Bernardina B, Giordano L.  
Epilepsy in Menkes disease: an electroclinical long-term study of 28 patients.  
Epilepsy Res 2014 Nov;108(9):1597-603. doi: 10.1016/j.eplepsyres.2014.08.006 **I.F. 2.015**
  17. Verrotti A, Cusmai R, Laino D, Carotenuto M, Esposito M, Falsaperla R, Margari L, Rizzo R, Savasta S, Grosso S, Striano P, Belcastro V, Franzoni E, Curatolo P, Giordano L, Freri E, **Matricardi S**, Pruna D, Toldo I, Tozzi E, Lobefalo L, Operto F, Altobelli E, Chiarelli F, Spalice A.  
Long-term outcome of epilepsy in patients with Prader-Willi syndrome.  
J Neurol 2015 Jan;262(1):116-23. doi: 10.1007/s00415-014-7542-1 **I.F. 3.408**
  18. Freri E, **Matricardi S**, Patrini M, Binelli S, Andretta F, Teutonico F, Nardocci N, Granata T.  
Focal seizure, focal dyskinesia, or both? A complex motor phenomenon reveals anti-NMDAR encephalitis.  
Seizure 2015 Apr;27:16-8. doi: 10.1016/j.seizure.2015.02.005 **I.F.2.109**
  19. Deleo F, **Matricardi S**, Didato G, Pappalardo I, Villani F.  
The dilemma of adult-onset Rasmussen encephalitis clinical assessment: Proposal for a new bedside tool to evaluate disease progression.  
Epilepsy Behav 2015 May;46:249-51. doi: 10.1016/j.yebeh.2015.04.029 **I.F. 2.332**
  20. Franzoni E, **Matricardi S**, Di Pisa V, Capovilla G, Romeo A, Tozzi E, Pruna D, Salerno GG, Zamponi N, Accorsi P, Giordano L, Coppola G, Cerminara C, Curatolo P, Nicita F, Spalice A, Grosso S, Pavone P, Striano P, Parisi P, Boni A, Gobbi G, Carotenuto M, Esposito M, Cottone C, Verrotti A.  
Refractory absence seizures: An Italian multicenter retrospective study.  
Eur J Paediatr Neurol 2015 Nov;19(6):660-4. doi: 10.1016/j.ejpn.2015.07.008 **I.F. 1.923**
  21. Verrotti A, **Matricardi S**, Rinaldi VE, Prezioso G, Coppola G.  
Neuropsychological impairment in childhood absence epilepsy: Review of the literature.  
J Neurol Sci 2015 Dec 15;359(1-2):59-66. doi: 10.1016/j.jns.2015.10.035 **I.F. 2.126**
  22. Verrotti A, Laino D, Rinaldi VE, Suppiej A, Giordano L, Toldo I, Margari L, Parisi P, Rizzo R, **Matricardi S**, Cusmai R, Grosso S, Gaggero R, Zamponi N, Pavone P, Capovilla G, Rauchenzauner M, Cerminara C, Di Gennaro G, Esposito M, Striano P, Savasta S, Coppola G, Siliquini S, Operto F, Belcastro V, Ragona F, Marseglia GL, Spalice A.  
Clinical dissection of childhood occipital epilepsy of Gastaut and prognostic implication.  
Eur J Neurol 2016 Feb;23(2):241-6. doi: 10.1111/ene.12840 **I.F. 3.988**
  23. **Matricardi S**, Deleo F, Ragona F, Rinaldi VE, Pelliccia S, Coppola G, Verrotti A.  
Neuropsychological profiles and outcomes in children with new onset frontal lobe epilepsy.  
Epilepsy Behav 2016 Feb;55:79-83. doi: 10.1016/j.yebeh.2015.12.006 **I.F. 2.631**
  24. **Matricardi S**, Patrini M, Freri E, Ragona F, Zibordi F, Andretta F, Nardocci N, Granata T.  
Cognitive and neuropsychological evolution in children with anti-NMDAR encephalitis.  
J Neurol 2016 Apr;263(4):765-71. doi: 10.1007/s00415-016-8056-9 **I.F. 3.389**
  25. Margari L, Palumbi R, Campa MG, Operto FF, Buttiglione M, Craig F, **Matricardi S**, Verrotti A.  
Clinical manifestations in children and adolescents with corpus callosum abnormalities.  
J Neurol 2016 Oct;263(10):1939-45. doi: 10.1007/s00415-016-8225-x. **I.F. 3.389**
  26. **Matricardi S**, Spalice A, Salpietro V, Di Rosa G, Balistreri MC, Grosso S, Parisi P, Elia M, Striano P, Accorsi P, Cusmai R, Specchio N, Coppola G, Savasta S, Carotenuto M, Tozzi E, Ferrara P, Ruggieri M, Verrotti A.  
Epilepsy in the setting of full trisomy 18: a multicentre study on 18 affected children with and without structural brain abnormalities.

27. Vecchi M, Barba C, De Carlo D, Stivala M, Guerrini R, Albamonte E, Ranalli D, Battaglia D, Lunardi G, Boniver C, Piccolo B, Pisani F, Cantalupo G, Nieddu G, Casellato S, Cappanera S, Cesaroni E, Zamponi N, Serino D, Fusco L, Iodice A, Palestra F, Giordano L, Freri E, De Giorgi I, Ragona F, Granata T, Fiocchi I, Bova SM, Mastrangelo M, Verrotti A, **Matricardi S**, Fontana E, Caputo D, Darra F, Dalla Bernardina B, Beccaria F, Capovilla G, Baglietto MP, Gagliardi A, Vignoli A, Canevini MP, Perissinotto E, Francione S. Symptomatic and presumed symptomatic focal epilepsies in childhood: an observational prospective multicentre study. *Epilepsia* 2016 Nov;57(11):1808-1816. doi: 10.1111/epi.13574 **I.F. 5.295**
28. Novara F, Groeneweg S, Freri E, Estienne M, Reho P, **Matricardi S**, Castellotti B, Visser WE, Zuffardi O, Visser TJ. Clinical and molecular characteristics of SLC16A2 (MCT8) mutations in three families with the Allan-Herndon-Dudley syndrome. *Hum Mutat* 2017 Mar;38(3):260-264. doi: 10.1002/humu.23140 **I.F. 4.601**
29. Verrotti A, Sertorio F, **Matricardi S**, Ferrara P, Striano P. Electroclinical features of epilepsy in patients with InvDup(15). *Seizure* 2017 Apr;47:87-91. doi: 10.1016/j.seizure.2017.03.006 **I.F. 2.448**
30. Freri E, **Matricardi S**, Gozzo F, Cossu M, Granata T, Tassi L. Perisylvian, including insular, childhood epilepsy: Presurgical workup and surgical outcome. *Epilepsia* 2017 Aug;58(8):1360-1369. doi: 10.1111/epi.13816 **I.F.5.295**
31. Lattanzi S, Cagnetti C, **Matricardi S**, Silvestrini M. Palliative non-resective surgery for drug-resistant epilepsy. *Brain Dev* 2018 Jun;40(6):512-513. doi: 10.1016/j.braindev.2017.12.012 **I.F. 1.520**
32. **Matricardi S**, Darra F, Spalice A, Basti C, Fontana E, Dalla Bernardina B, Elia M, Giordano L, Accorsi P, Cusmai R, De Liso P, Romeo A, Ragona F, Granata T, Concolino D, Carotenuto M, Pavone P, Pruna D, Striano P, Savasta S, Verrotti A. Electroclinical findings and long-term outcome in epileptic patients with inv dup (15). *Acta Neurol Scand* 2018 Jun;137(6):575-581. doi: 10.1111/ane.12902 **I.F. 3.087**
33. Granata T, Matricardi S, Ragona F, Freri E, Zibordi F, Andreetta F, Binelli S, Nardocci N. Pediatric NMDAR encephalitis: a single center observation study with a closer look at movement disorders. *Eur J Paediatr Neurol* 2018 Mar;22(2):301-307. doi: 10.1016/j.ejpn.2018.01.012 **I.F. 2.013**
34. Palka C, De Marco S, Alfonsi M, **Matricardi S**, Morizio E, Guanciali Franchi P, Calabrese G, Mohn A, Chiarelli F. Discovering a familial Xp11.4 microduplication: Does the mother matter? *Meta Gene* 2018;16:90-95. doi.org/10.1016/j.mgene.2018.02.001 **I.F. 0.755**
35. Verrotti A, Greco M, Varriale G, Tamborino A, Savasta S, Carotenuto M, Elia M, Operto F, Margari L, Belcastro M, Selicorni A, Freri E, **Matricardi S**, Granata T, Ragona F, Capovilla G, Spalice A, Coppola G, Striano P. Electroclinical features of epilepsy monosomy 1p36 syndrome and their implications. *Acta Neurol Scand* 2018 Dec;138(6):523-530. doi: 10.1111/ane.13006 **I.F. 3.087**
36. Verrotti A, Iapadre G, Di Donato G, Di Francesco L, Zagaroli L, **Matricardi S**, Belcastro V, Iezzi ML. Pharmacokinetic considerations for anti-epileptic drugs in children. *Expert Opin Metab Toxicol* 2019 Mar;15(3):199-211. doi: 10.1080/17425255.2019.1575361 **I.F. 3.151**
37. **Matricardi S**, Canafoglia L, Ardisson A, Moroni I, Ragona F, Ghezzi D, Lamantea E, Nardocci N, Franceschetti S, Granata T. Epileptic phenotypes in children with early-onset mitochondrial diseases. *Acta Neurol Scand* 2019 Sep;140(3):184-193. doi: 10.1111/ane.13130 **I.F. 2.852**
38. Nosadini M, Granata T, **Matricardi S**, Freri E, Ragona F, Papetti L, Suppiej A, Valeriani M, Sartori S; Italian Working Group on Paediatric Anti-N-methyl-D- aspartate Receptor Encephalitis. Relapse risk factors in anti-N-methyl-D-aspartate receptor encephalitis.

- Dev med Child Neurol 2019 Sep;61(9):1101-1107. doi: 10.1111/dmcn.14267 **I.F. 3.532**
39. Operto FF, Mazza R, Pastorino GMG, Amadori E, Aiello S, Campanozzi S, Verrotti A, **Matricardi S**.  
Antiepileptic drugs withdrawal in children: an update.  
Curr Pediatr Res 2019;23(2):77-81 **I.F. 0.195**
40. Coppola G, Operto FF, **Matricardi S**, Verrotti A.  
Monitoring and managing depression in adolescents with epilepsy: current perspectives.  
Neuropsychiatr Dis Treat 2019 Sep 24;15:2773-2780. doi: 10.2147/NDT.S192714 **I.F. 2.228**
41. **Matricardi S**, Farello G, Savasta S, Verrotti A.  
Understanding childhood neuroimmune diseases of the central nervous system.  
Front Pediatr 2019 Dec 19;7:511. doi: 10.3389/fped.2019.00511 **I.F. 2.349**
42. Carotenuto M, Roccella M, Pisani F, **Matricardi S**, Verrotti A, Farello G, Operto FF, Bitetti I, Precenzano F,  
Messina G, Ruberto M, Ciunfrini C, Riccardi M, Merolla E, Pastorino GMG, Polito AN, Marotta R.  
Polysomnographic findings in fragile X syndrome children with EEG abnormalities.  
Behav Neurol 2019 Dec 3;2019:5202808. doi: 10.1155/2019/5202808 **I.F. 1.908**
43. Iapadre G, Zagaroli I, Cimini N, Belcastro V, Concolino D, Coppola G, Del Giudice E, Farello G, Iezzi ML,  
Margari L, **Matricardi S**, Orsini A, Parisi P, Piccioli M, Di Donato G, Savasta S, Siliquini S, Spalice A,  
Striano S, Striano P, Verrotti A.  
Gelastic Seizures not associated with hypothalamic hamartoma: A long-term follow-up study.  
Epilepsy Behav 2020 Feb;103(Pt A):106578. doi: 10.1016/j.yebeh.2019.106578 **I.F. 2.378**
44. Verrotti A, Tambucci R, Di Francesco L, Pavone P, Iapadre G, Altobelli E, **Matricardi S**, Farello G, Belcastro V.  
The role of polytherapy in the management of epilepsy: suggestion for rational antiepileptic drug selection.  
Expert Rev Neurother 2020 Feb;20(2):167-173. doi: 10.1080/14737175.2020.1707668 **I.F. 3.453**
45. Barba C, Cross JH, Braun K, et al; **European Survey Group**.  
Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: country-, center-, and age-specific variation.  
Epilepsia 2020 Feb;61(2):216-227. doi: 10.1111/epi.16414 **I.F. 5.562**
46. Operto FF, Pastorino GMG, Mazza R, Di Bonaventura C, **Matricardi S**, Verrotti A, Carotenuto M, Viggiano A,  
Coppola G, Elia M.  
Perampanel tolerability in children and adolescents with focal epilepsy: effects on behavior and executive functions.  
Epilepsy Behav 2020 Feb;103(Pt A):106879. doi: 10.1016/j.yebeh.2019.106879 **I.F. 2.378**
47. **Matricardi S**, Farello G, Operto FF, Coppola G, Verrotti A.  
What are the challenges with the pharmacological management of epilepsy in patients with attention deficit hyperactivity disorder (ADHD)?  
Expert Opin Pharmacother 2020 May;21(7):737-739. doi: 10.1080/14656566.2020.1732351 **I.F. 3.038**
48. **Matricardi S**, Operto FF, Farello G, Coppola G, Verrotti A.  
Withdrawal seizures: possible risk factors.  
Expert Rev Neurother 2020 Jun 23;1-6. doi: 10.1080/14737175.2020.1780917. **I.F. 3.743**
49. Operto FF, Pastorino GMG, Mazza R, Di Bonaventura C, Marotta R, Pastorino N, **Matricardi S**, Verrotti A,  
Carotenuto M, Roccella M.  
Social cognition and executive functions in children and adolescents with focal epilepsy.  
Eur J Paediatr Neurol 2020 Jul 13:S1090-3798(20)30127-6. doi: 10.1016/j.ejpn.2020.06.019. **I.F. 2.510**
50. **Matricardi S**, De Liso P, Freri E, Costa P, Castellotti B, Magri S, Gellera C, Granata T, Musante L, Lesca G,  
Oertel J, Craiu D, Hammer TB, Molles RS, Barisic N, Abou Jamra R, Polster T, Vigevano F, Marini C.  
Neonatal developmental and epileptic encephalopathy due to autosomal recessive variants in *SLC13A5* gene.  
Epilepsia. 2020 Nov;61(11):2474-2485. doi: 10.1111/epi.16699. **I.F. 6.040**
51. Operto FF, **Matricardi S**, Pastorino GMG, Verrotti A, Coppola G.

- The Ketogenic diet for the treatment of mood disorders in comorbidity with epilepsy in children and adolescents.  
*Frot Pharmacol* 2020 Nov 24;11:578396. doi: 10.3389/fphar.2020.578396. **I.F. 4.225**
52. Contin M, Mohamed S, Santucci M, Lodi MAM, Russo E, Mecarelli O, and **CBD LICE Italy Study Group**. Cannabidiol in pharmaco-resistant epilepsy: clinical pharmacokinetic data from expanded access program. *Front Pharmacol*. 2021 Mar 3;12:637801. doi: 10.3389/fphar.2021.637801. **I.F. 4.225**
53. Verrotti A, Grasso EA, Cacciatore M, Matricardi S, Striano P. Potential role of brivaracetam in pediatric epilepsy. *Acta Neurol Scand*. 2021 Jan;143(1):19-26. doi: 10.1111/ane.13347. **I.F. 2.684**
54. Brigo F, Jones K, Eltze C, **Matricardi S**. Anti-seizure medications for Lennox-Gastaut syndrome. *Cochrane Database Syst Rev* 2021;4(4):CD003277. doi: 10.1002/14651858.CD003277.
55. Fernandes M, Dainese F, Operto F, Lattanzi S, **Matricardi S**, Renna R, Placidi F, Paladin F, Pastorino GMG, Foschi N, Cesaroni E, Mercuri NB, Liguori C. Perampanel effectiveness and tolerability in patients with epilepsy at long-term follow-up. *Epilepsy Behav* 2021;121(Pt A):108069. doi: 10.1016/j.yebeh.2021.108069. **I.F. 2.937**
56. Fattorusso A, **Matricardi S**, Mencaroni E, Dell'Isola GB, Di Cara G, Striano P, Verrotti A. The Pharmaco-resistant Epilepsy: An Overview on Existing and New Emerging Therapies. *Front Neurol*. 2021 Jun 22;12:674483. doi: 10.3389/fneur.2021.674483. **I.F. 4.003**
57. Johannesen KM, Liu Y, Koko M, Gjerulfsen CE, Sonnenberg L, Schubert J, Fenger CD, Eltokhi A, Rannap M, Koch NA, Lauxmann S, Krüger J, Kegele J, Canafoglia L, Franceschetti S, Mayer T, Rebstock J, Zacher P, Ruf S, Alber M, Sterbova K, Lassuthová P, Vlckova M, Lemke JR, Platzer K, Krey I, Heine C, Wieczorek D, Kroell-Seger J, Lund C, Klein KM, Billie Au PY, Rho JM, Ho AW, Masnada S, Veggiotti P, Giordano L, Accorsi P, Høe-Hansen CE, Striano P, Zara F, Verhelst H, Verhoeven JS, van der Zwaag B, Harder AVE, Brilstra E, Pendziwiat M, Lebon S, Vaccarezza M, Minh Le N, Christensen J, Grønberg S, Scherer SW, Howe J, Fazeli W, Howell KB, Leventer R, Stutterd C, Walsh S, Gerard M, Gerard B, **Matricardi S**, Bonardi CM, Sartori S, Berger A, Hoffman-Zacharska D, Mastrangelo M, Darra F, Vøllo A, Motazacker MM, Lakeman P, Nizon M, Betzler C, Altuzarra C, Caume R, Roubertie A, Gélisse P, Marini C, Guerrini R, Bilan F, Tibussek D, Koch-Hogrebe M, Perry MS, Ichikawa S, Dadali E, Sharkov A, Mishina I, Abramov M, Kanivets I, Korostelev S, Kutsev S, Wain KE, Eisenhauer N, Wagner M, Savatt JM, Müller-Schlüter K, Bassan H, Borovikov A, Nassogne MC, Destrée A, Schoonjans AS, Meuwissen M, Buzatu M, Jansen A, Scalais E, Srivastava S, Tan WH, Olson HE, Loddenkemper T, Poduri A, Helbig KL, Helbig I, Fitzgerald MP, Goldberg EM, Roser T, Borggraefe I, Brünger T, May P, Lal D, Lederer D, Rubboli G, Heyne HO, Lesca G, Hedrich UBS, Benda J, Gardella E, Lerche H, Möller RS. Genotype-phenotype correlations in SCN8A-related disorders reveal prognostic and therapeutic implications. *Brain*. 2022 Sep 14;145(9):2991-3009. doi: 10.1093/brain/awab321. **I.F. 13.501**
58. Granata T, Fusco L, **Matricardi S**, Tozzo A, Janigro D, Nabbout R. Inflammation in pediatric epilepsies: Update on clinical features and treatment options. *Epilepsy Behav*. 2022;131 (Pt B):107959. doi: 10.1016/j.yebeh.2021.107959. **I.F. 3.337**
59. **Matricardi S**, Bonanni P, Iapadre G, Elia M, Cesaroni E, Danieli A, Negrin S, Zagaroli L, Operto FF, Carotenuto M, Pisani F, Turco EC, Orsini A, Bonuccelli A, Savasta S, Concolino D, Di Cara G, Striano P, Verrotti A. Epilepsy, electroclinical features, and long-term outcomes in Pitt-Hopkins syndrome due to pathogenic variants in the TCF4 gene. *Eur J Neurol*. 2022 Jan;29(1):19-25. doi: 10.1111/ene.15104. **I.F. 6.288**
60. Lattanzi S, Leitinger M, Rocchi C, Salvemini S, **Matricardi S**, Brigo F, Meletti S, Trinka E. Unraveling the enigma of new-onset refractory status epilepticus: a systematic review of aetiologies. *Eur J Neurol*. 2022 Feb;29(2):626-647. doi: 10.1111/ene.15149. **I.F. 6.288**
61. Orsini A, Foadelli T, Magistrali M, Carli N, Bagnasco I, Dassi P, Verrotti A, Marcotulli D, Canavese C, Nicita F, Capuano A, Marra C, Fetta A, Nosadini M, Sartori S, Papa A, Viri M, Greco F, Pavone P, Simonini

- G, **Matricardi S**, Siquilini S, Marchese F, De Grandis E, Brunenghi BM, Malattia C, Bassanese F, Bergonzini P, Bonuccelli A, Consolini R, Marsiglia GL, Peroni D, Striano P, Cordelli D, Savasta S.  
A nationwide study on Sydenham's chorea: Clinical features, treatment and prognostic factors.  
Eur J Paediatr Neurol. 2022 Jan;36:1-6. doi: 10.1016/j.ejpn.2021.11.002. **I.F. 3.140**
62. Moavero R, Voci A, La Briola F, **Matricardi S**, Toldo I, Mancardi MM, Negrin S, Messina T, Mazzone L, Valeriani M, Curatolo P, Bruni O.  
Sleep disorders and neuropsychiatric disorders in a pediatric sample of tuberous sclerosis complex: a questionnaire-based study.  
Sleep Med. 2022 Jan;89:65-70. doi: 10.1016/j.sleep.2021.11.010. **I.F. 3.492**
63. Moavero R, Voci A, Romigi A, Bisulli F, Luisi C, Matricardi S, La Briola F, Mazzone L, Valeriani M, Curatolo P, Bruni O.  
Questionnaire-based assessment of sleep disorders in an adult population of Tuberous Sclerosis Complex.  
Sleep Med. 2022 Apr;92:81-87. doi: 10.1016/j.sleep.2022.03.006. **I.F. 3.492**
64. Cesaroni E, **Matricardi S**, Cappanera S, Marini C.  
First reported case of an inherited PACS2 pathogenic variant with variable expression.  
Epileptic Disord. 2022 Jun 1;24(3):572-576 . doi: 10.1684/epd.2022.1417. **I.F. 1.819**
65. **Matricardi S**, Casciato S, Bozzetti S, Mariotto S, Stabile A, Freri E, Deleo F, Sartori S, Nosadini M, Pappalardo I, Meletti S, Giovannini G, Zucchi E, Di Bonaventura C, Di Gennaro G, Ferrari S, Zuliani L, Zoccarato M, Vogrig A, Lattanzi S, Michelucci R, Gambardella A, Ferlazzo E, Fusco L, Granata T, Villani F; Immune Epilepsies Study Group of the Italian League Against Epilepsy.  
Epileptic phenotypes in autoimmune encephalitis: from acute symptomatic seizures to autoimmune-associated epilepsy.  
J Neurol Neurosurg Psychiatry. 2022 Jul 25;jnnp-2022-329195. doi: 10.1136/jnnp-2022-329195. **I.F. 13.654**
66. Riva A, Coppola A, Bonaventura CD, Elia M, Ferlazzo E, Gobbi G, Marini C, Meletti S, Romeo A, Santoro K, Verrotti A, Capovilla G, Striano P; **Italian LGS Delphi Group**.  
An Italian consensus on the management of Lennox-Gastaut syndrome.  
Seizure. 2022 Oct;101:134-140. doi: 10.1016/j.seizure.2022.07.004. Epub ahead of print. **I.F. 3.414**
67. Russo A, Pruccoli J, Cesaroni CA, Belotti LMB, Zenesini C, Bonanni P, Boni A, Cesaroni E, Coppola G, Cordelli DM, Danieli A, Mancardi MM, Marchese F, **Matricardi S**, Messina T, Nocera GM, Operto FF, Pellino G, Reina F, Vanadia F, Verrotti A, Striano P.  
Brivaracetam add-on treatment in pediatric patients with severe drug-resistant epilepsy: Italian real-world evidence.  
Seizure. 2022 Oct 2;102:120-124. doi: 10.1016/j.seizure.2022.10.001. Epub ahead of print. **I.F. 3.414**
68. Dell'Isola GB, Mencaroni E, Prontera P, Cara GD, Ferraro L, Bonanni P, Carotenuto M, Iapadre G, **Matricardi S**, Operto F, Orsini A, Parisi P, Pavone P, Salpietro V, Savasta S, Striano P, Verrotti A.  
Clinical and electroencephalographic features of epilepsy in patients with triple X syndrome: A case series.  
Seizure. 2022 Sep 17;102:32-35. doi: 10.1016/j.seizure.2022.09.010. Epub ahead of print. **I.F. 3.414**
69. Gasparini S, Ferlazzo E, Neri S, Cianci V, Iudice A, Bisulli F, Bonanni P, Caggia E, D'Aniello A, Di Bonaventura C, DiFrancesco JC, Domina E, Dono F, Gambardella A, Marini C, Marrelli A, **Matricardi S**, Morano A, Paladin F, Renna R, Striano P, Pascarella A, Ascoli M, Aguglia U; PEROC Study Group.  
Effectiveness of Perampnol as the Only Add-on: Retrospective, Multicenter, Observational Real Life Study on epilepsy patients.  
Epilepsia Open. 2022 Sep 8;7(4):687-96. doi: 10.1002/epi4.12649. Epub ahead of print. **I.F. 4.026**
70. Gastaldi M, Foadelli T, Greco G, Scaranzin S, Rigoni E, Masciocchi S, Ferrari S, Mancinelli C, Brambilla L, Mancardi M, Giacomini T, Ferraro D, Della Corte M, Gallo A, Di Filippo M, Benedetti L, Novi G, Versino M, Banfi P, Iorio R, Moiola L, Turco E, Sartori S, Nosadini M, Ruggieri M, Savasta S, Colombo E, Ballante E, Jarius S, Mariotto S, Franciotta D; **NINA study group**.  
Prognostic relevance of quantitative and longitudinal MOG antibody testing in patients with MOGAD: a multicentre retrospective study.  
J Neurol Neurosurg Psychiatry. 2022 Dec 2;jnnp-2022-330237. doi: 10.1136/jnnp-2022-330237. Epub ahead of print. **I.F. 13.654**

71. Nosadini M, Eyre M, Giacomini T, Valeriani M, Della Corte M, Praticò AD, Annovazzi P, Cordani R, Cordelli DM, Crichiutti 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, Foidelli T, Sartori S.  
Early Immunotherapy and Longer Corticosteroid Treatment Are Associated With Lower Risk of Relapsing Disease Course in Pediatric MOGAD.  
*Neurol Neuroimmunol Neuroinflamm*. 2022 Nov 29;10(1):e200065.  
doi: 10.1212/NXI.000000000200065. **I.F. 7.21**
72. **Matricardi S**, Cestè S, Trivisano M, Kassabian B, Leroudier N, Vittorini R, Nosadini M, Cesaroni E, Siliquini S, Marinaccio C, Longaretti F, Podestà B, Operto FF, Luisi C, sartori S, Boniver C, Specchio N, Vigevano F, marini C, Mantegazza M.  
Gain of function SCN1A disease-causing variants: expanding the phenotypic spectrum and functional studies guiding the choice of effective antiseizure medication.  
*Epilepsia*. 2023. Epub ahead of print. Doi: 10.1111/epi.17509 **I.F. 6.740**
73. Chinvarun Y, Toledano Delgado R, Astner-Rohracher A, Wehner T, Toledo M, **Matricardi S**, Trinkka E, Malhotra M, Shastri O, Villanueva V.  
Perampanel monotherapy for focal and generalized epilepsy in clinical practice.  
*Acta Neurol Scandinav* 2023; doi.org/10.1155/2023/2852853 **I.F. 3.915**
74. Tabae Damavandi P, Fabin N, Giossi R, **Matricardi S**, Del Giovane C, Striano P, Meletti S, Brigo F, Trinkka E, Lattanzi S.  
Efficacy and Safety of Fenfluramine in Epilepsy: A Systematic Review and Meta-analysis.  
*Neurol Ther*. 2023 Apr;12(2):669-686. doi: 10.1007/s40120-023-00452-1 **I.F. 4.446**
75. Balestrini S, Doccini V, Giometto S, Lucenteforte E, De Masi S, Giarola E, Brambilla I, Pieroni F, Perulli M, Battaglia D, Specchio N, Ragona F, Granata T, Pellacani S, Ferrari A, Marini C, **Matricardi S**, Cesaroni E, Giordano L, Accorsi P, Scirucchio V, Tinuper P, Messina T, Russo A, Pruna D, Nosadini M, De Giorgis V, Caputo D; Residras Collaboration Group; Pellegrin S, Lo Barco T, Darra F, Dalla Bernardina B, Guerrini R.  
A registry for Dravet syndrome: The Italian experience.  
*Epilepsia Open*. 2023 Mar 20. doi: 10.1002/epi4.12730. Epub ahead of print. **I.F. 4.026**
76. Nabbout R\*, **Matricardi S\***, De Liso P, Dulac O, Oualha M.  
Ketogenic diet for SRSE (super-refractory status epilepticus) with NORSE and FIRES: single tertiary center experience and literature data.  
*Front Neurol*. 2023. Epub ahead of print **I.F. 4.086**
77. **Matricardi S**, Cesaroni E, Bonanni P, Foschi N, D'Aniello A, Di Gennaro G, Striano P, Cappanera S, Siliquini S, Freri E, Ragona F, Granata T, Deleo F, Villani F, Russo A, Messina T, Siri L, Bagnasco I, Vignoli A, Operto FF, Orsini A, Bonuccelli A, Papa A, Peruzzi C, Liguori C, Verrotti A, Chiarelli F, Marini C, Lattanzi S.  
Long-term effectiveness of add-on perampanel in patients with Lennox-Gastaut syndrome: a multicenter retrospective study.  
*Epilepsia*. 2023 Mar 31. doi: 10.1111/epi.17601. Epub ahead of print. **I.F. 6.740**
78. D'Onofrio G, Accogli A, Severino M, Caliskan H, Kokotović T, Blazekovic A, Jercic KG, Markovic S, Zigman T, Goran K, Barišić N, Duranovic V, Ban A, Borovecki F, Ramadža DP, Barić I, Fazeli W, Herkenrath P, Marini C, Vittorini R, Gowda V, Bouman A, Rocca C, Alkhawaja IA, Murtaza BN, Rehman MMU, Al Alam C, Nader G, Mancardi MM, Giacomini T, Srivastava S, Alvi JR, Tomoum H, **Matricardi S**, Iacomino M, Riva A, Scala M, Madia F, Pistorio A, Salpietro V, Minetti C, Rivière JB, Srour M, Efthymiou S, Maroofian R, Houlden H, Vernes SC, Zara F, Striano P, Nagy V.  
Genotype-phenotype correlation in contactin-associated protein-like 2 (CNTNAP-2) developmental disorder.  
*Hum Genet*. 2023 May 14. doi: 10.1007/s00439-023-02552-2. **I.F. 5.881**
79. Prezioso G, Chiarelli F, **Matricardi S**.  
Efficacy and safety of vigabatrin in patients with tuberous sclerosis complex and infantile epileptic spasm syndrome: a systematic review.  
*Expert Rev Neurother*. 2023 May 27:1-11. doi: 10.1080/14737175.2023.2216385. **I.F. 4.287**

I consent to the processing of my data according to law.

Sara M. H. Carh