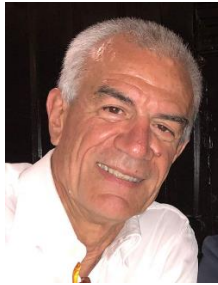




## Europass Curriculum Vitae



### Personal information

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Nationality Italian

Place and date of birth Genoa 17/01/1950

Gender M

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### Work experience

Dates

January 2023 - Director of Neurosciences and Rehabilitation Research Area  
August 2020 - Director of Neurosciences Department, at Children's Hospital Bambino Gesù;  
January 2010 - Director of the Neuroscience and Neurorehabilitation Department, at Children's Hospital Bambino Gesù;  
January 2009 - Director of the Department of Neurosciences, Children's Hospital Bambino Gesù  
1997 - Head of UOC Neurology, Children's Hospital Bambino Gesù  
1982 - Head of UOC Neurophysiology, Children's Hospital Bambino Gesù  
1978 - Assistant Neurologist, Child Neuropsychiatry Unit, Children's Hospital Bambino Gesù

Occupation or position held Director of Neurosciences and Rehabilitation Research Area  
Main activities and responsibilities Head of Neurology Unit

Name and address of employer Children's Hospital Bambino Gesù  
Type of business or sector Health and research sector

## Education and training

### Dates

Postgraduate Diploma in Neurology and Psychiatry achieved on 12.01.1977, at the I  
^ Clinic of Nervous and Mental Diseases, University of Rome, with the mark 70/70  
cum laude

Degree in Medicine and Surgery, 8-11-1974, at the University of Rome with 110/110  
cum laude

High school diploma awarded in 1968 at the institute "Massimiliano Massimo" in  
Rome

Dr. Federico Vigevano has focused on studies, using video-EEG monitoring systems, in the field of childhood epilepsy, with particular attention to seizures in the first years of life. He studied the electroclinical patterns of various types of epileptic seizures in childhood, especially epileptic spasms. He identified a clinical entity that is currently recognized as a new syndrome called *Benign Infantile Familial Seizures*. Studies on focal dysplasias and hemimegalencephaly led to the definition of surgical indications for these cases and in general for paediatric patients with resistant epilepsy. Data regarding non-epileptic paroxysmal manifestations in childhood have been collected for years with the use of video-EEG monitoring. These documents have been presented at the most important international epilepsy congress. Dr. Vigevano has been a member of various International League Against Epilepsy (ILAE) Commissions for epileptic syndromes classification and diagnostic strategies. In 1996 he was elected Secretary of the Lega Italiana Contro l'Epilessia (LICE) and has been President since 1999 to 2002. Since 2001 to 2005 has been Chair of European Advisory Council. He has been in the Scientific and/or Organizing Committee of the European Congress: Florence, Madrid, Vienna, Stockholm. Has been the Chair of the Scientific Committee of the International Congress on Epilepsy (Rome 2011). He is the organizer of the annual "International Course on Resistant Epilepsy" (Tagliacozzo – Italy). He is member of the board of the European Paediatric Neurology Society

Principal subjects/occupational skills covered Assistance and research in Epilepsy and other neurological diseases

Organisational skills and competences The role of adequate training and employment

### **Scientific assignments**

- Secretary of LICE 1996-1999.
- President of the LICE from 1999 to 2002.
- Member of the ILAE Commission of European Affairs 2001-2009.
- President of the European Advisory Council of the European Leagues Against Epilepsy 2001 to 2005.
- Ambassador of Epilepsy since 2001.
- Advisory Board of Epileptic Disorders from 1999 to 2014.
- President of the Epilepsy Foundation since 2010.
- Referee of the following journals: Epilepsia; Brain Development; Italian Journal of Neurological Science, Italian Journal of Paediatrics, European J. of Paediatric Neurology, Epileptic Disorders.
- Member of the ILAE Commission on Classification and Terminology (Syndromes and Diagnostic Manual Task Force) since 2014.
- Dr. Vigeveno has been on the advisory board of "Epileptic Disorders" and "Epilepsia". He has published more than 230 papers in English in the most important international journals dedicated prevalently to epilepsy.
- Prof. Vigeveno received the European Epileptology Award by the ILAE Commission on European Affairs (CEA). Prague, September 2016.
- Prof. Vigeveno received the ILAE (GLAE) Award to the career for epilepsy. Tbilisi, Georgia, May 2018.

### **Academic assignments**

- Adjunct Professor at the Child Neuropsychiatry Postgraduate School of the Tor Vergata University - Rome
- Professor of Child Neuropsychiatry at the Degree in Psychology of the LUMSA University – Rome
- Director of the Masters dedicated to the ABA method at the Humanitas Consortium in Rome from 2017 to date.

### **Main research topics**

- Pediatric Epilepsy, Drug-resistant Epilepsy, Genetic of Epilepsy, Video-EEG and Long-term monitoring in epilepsy, Coma in children, Sudden Infant Death Syndrome, Non-epileptic paroxysmal manifestations, Crisis by Video-Game, Developmental disability, Neonatal Neurology.  
Author or co-author of more than 200 scientific papers published in international journals.

### Most important publications of the last 10 years

- **Gain of function SCN1A disease-causing variants: expanding the phenotypic spectrum and functional studies guiding the choice of effective antiseizure medication.**  
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, Vigeveno F, Marini C, Mantegazza M. *Epilepsia*. 2023 Jan 13.
- **Use of cenobamate for the treatment of focal epilepsy: an Italian expert opinion paper.**  
Villani F, Cianci V, Di Bonaventura C, Di Gennaro G, Galimberti CA, Guerrini R, La Neve A, Mecarelli O, Pietrafusa N, Specchio N, **Vigeveno F**, Perucca E. *Expert Rev Neurother*. 2023 Jan 20.
- **Hemispherotomy in Infants with Hemimegalencephaly: Long-Term Seizure and Developmental Outcome in Early Treated Patients.**  
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- **Can Presurgical Interhemispheric EEG Connectivity Predict Outcome in Hemispheric Surgery? A Brain Machine Learning Approach.**  
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- **Focal non-motor seizures and subsequent focal motor seizures as the main clinical expression of GLUT-1 deficiency.**  
Santarone ME, Piscitello LM, Volponi C, **Vigeveno F**, Fusco L. *Epilepsy Behav Rep*. 2022 Nov 7;20:100571.
- **Unmet needs and perspectives in management of drug resistant focal epilepsy: An Italian study.**  
Mecarelli O, Di Gennaro G, **Vigeveno F**. *Epilepsy Behav*. 2022 Dec;137(Pt A):108950.
- **Long-term efficacy of glycopyrrolate on sialorrhea in Goldenhar syndrome: a case report.**  
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- **KETASER01 protocol: What went right and what went wrong.**  
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- **Subacute Sclerosing Panencephalitis in Children: The Archetype of Non-Vaccination.**  
Papetti L, Amodeo ME, Sabatini L, Baggieri M, Capuano A, Graziola F, Marchi A, Bucci P, D'Ugo E, Kojouri M, Gioacchini S, Marras CE, Nucci CG, Ursitti F, Sforza G, Ferilli MAN, Monte G, Moavero R, **Vigeveno F**, Valeriani M, Magurano F. *Viruses*. 2022 Mar 31;14(4):733.
- **Current role of surgery for tuberous sclerosis complex-associated epilepsy.**  
Specchio N, Pavia GC, de Palma L, De Benedictis A, Pepi C, Conti M, Marras CE, **Vigeveno F**, Curatolo P. *Pediatr Investig*. 2022 Feb 21;6(1):16-22.
- **Neurophysiological Findings in Neuronal Ceroid Lipofuscinoses.**  
Trivisano M, Ferretti A, Calabrese C, Pietrafusa N, Piscitello L, Carfi Pavia G, **Vigeveno F**, Specchio N. *Front Neurol*. 2022 Feb 25;13:845877.
- **Developmental Regression, Hypertension, and Pink Extremities in Childhood Mercury Poisoning.**

- Ursitti F, Marano M, Locatelli CA, Ronchi A, Valeriani M, **Vigevano F**, Fusco L. *Neuropediatrics*. 2022 Dec;53(6):448-450.
- **Neonatal Cerebral Venous Thrombosis following Maternal SARS-CoV-2 Infection in Pregnancy.**  
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  - **Survey on the worldwide availability and affordability of antiseizure medications: Report of the ILAE Task Force on Access to Treatment.**  
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- **Clinical and Genetic Overview of Paroxysmal Movement Disorders and Episodic Ataxias.** Garone G, Capuano A, Travaglini L, Graziola F, Stregapede F, Zanni G, **Vigevano F**, Bertini E, Nicita F. Garone G, et al. *Int J Mol Sci*. 2020 May 20;21(10):3603;
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- **Refractory Status Epilepticus in Genetic Epilepsy-Is Vagus Nerve Stimulation an Option?** Specchio N, Ferretti A, Pietrafusa N, Trivisano M, Calabrese C, Carfi Pavia G, De Benedictis A, Marras CE, de Palma L, **Vigevano F**. Specchio N, et al. *Front Neurol*. 2020 Jun 12; 11:443;
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- **Defining the electroclinical phenotype and outcome of PCDH19-related epilepsy: A multicenter study.** Trivisano M, Pietrafusa N, Terracciano A, Marini C, Mei D, Darra F, Accorsi P, Battaglia D, Caffi L, Canevini MP, Cappelletti S, Cesaroni E, de Palma L, Costa P, Cusmai R, Giordano L, Ferrari A, Freri E, Fusco L, Granata T, Martino T, Mastrangelo M, Bova SM, Parmeggiani L, Ragona F, Sicca F, Striano P, Specchio LM, Tondo I, Zambrelli E, Zamponi N, Zanus C, Boniver C, Vecchi M, Avolio C, Dalla Bernardina B, Bertini E, Guerrini R, **Vigevano F**, Specchio N. *Epilepsia*. 2018 Dec;59(12):2260-2271;

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**Vigevano F**, Kirkham FJ, Wilken B, Raspall-Chaure M, Grebla R, Lee D, Werner-Kiechle T, Lagae L. *Eur J Paediatr Neurol*. 2018 Jan;22(1):56-63;
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- **Definition and diagnostic criteria of sleep-related hypermotor epilepsy.**  
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Rome, 25/01/2023

