

**Poster # Primary Author Title**

**Cognitive/Behavioral Disorders**

1	Elkhatib S	Socioeconomic Status and Sleep in Children with Autism Spectrum Disorder
2	O'Neill M	Estimated Prevalence of Developmental Regression Among Children Referred to a Down Syndrome Clinic
3	Quezada J	Ethical dilemma: Pediatric Kluver-Bucy Syndrome, Pushing the Boundaries Between Psychosurgery and Epilepsy Surgery
4	Svoboda M	The IPAD (Interactive Pediatric Application Device) Use Study
5	Ziobro J	Brain Injury Multidisciplinary Rounds (BIMR): A Quality Improvement Initiative
6	Selman J	Hospital

**Infections/Neuroimmunology**

7	Selman J	Outcome of 24 Children with Anti-NMDA Receptor Encephalitis Admitted to a Pediatric Rehabilitation Hospital
8	Fernandes A	Preliminary Neurological Findings from a Prospective Cohort of Children Exposed to Zika Virus During Pregnancy
9	Tomko S	Characterization of Inflammatory Bowel Disease-Associated Epilepsy in Children
10	Gorman M	Number of Relapses Predicts Lower Intelligence Quotient in Pediatric-Onset Opsoclonus-Myoclonus Syndrome
11	Hopkins S	Acute Flaccid Myelitis at the Children's Hospital of Philadelphia: Baseline Occurrence and Recent Clusters
12	Kuwabara N	Analysis of a Series of Patients with Acute Flaccid Myelitis (AFM) Presenting to a Tertiary Care Referral Center
13	Mochida G	Reduced Embryonic Survival and Microcephaly in a New Mouse Model of Congenital Zika Virus Infection
14	Vaidyanathan V	Comparison of Epidemiology and Clinical Characteristics of Enterovirus and Parechovirus Central Nervous System Infections in Infants During the First Three Weeks of Life: A 6-year Single-Center Retrospective Study from 2011-2016
15	Gordon-Lipkin E	Quantitative Clinical and Neuroimaging Profiles in Acute Flaccid Myelitis.

**Demyelinating Disorders**

16	Gordon-Lipkin E	Neuropsychological Profiles in Pediatric Neuromyelitis Optica Spectrum Disorder
17	Van Haren K	CD14+ Monocyte Transcriptomes from Multiple Sclerosis Patients Enrolled in a Clinical Trial of Vitamin D Highlights Metabolic Pathways Relevant to Immune Regulation

**Brain Tumors/Oncology**

18	Song H	Novel role for NFIA-NFkB in Glioma Malignant Behavior
19	Stasheff S	and Visual Loss

## Epilepsy

20	Badalamenti V	Patients with Epilepsy
21	Wirrell E	Ketogenic Diet Therapy in Infants: Efficacy and Tolerability
22	Wirrell E	Cannabidiol (CBD) Significantly Reduces Drop and Total Seizure Frequency in Lennox Gastaut Syndrome (LGS): Results of a Dose Ranging, Multicenter, Randomized, Double Blind, Placebo Controlled Trial (GWPCARE3)
23	Bhalla S	Spinal Epidural Lipomatosis and Vigabatrin Associated Brain Abnormalities on Magnetic Resonance Imaging (VABAM) with Standard Therapies for Infantile Spasms (IS)
24	Franz D	Sustained Seizure Reduction With Adjunctive Everolimus for Treatment-Refractory Seizures Associated With Tuberous Sclerosis Complex (TSC): Long-Term Results From the Phase 3 EXIST-3 Study
25	Franz D	Psychometric Evaluation of Quality of Life in a Three-Arm, Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of Everolimus as Adjunctive Therapy in Patients With Tuberous Sclerosis Complex (TSC) Who Have Refractory
26	Franz D	Efficacy and Safety of Adjunctive Everolimus for Treatment-Refractory Seizures Associated With Tuberous Sclerosis Complex (TSC) in Children Under 6 Years of Age: Results From the Phase 3 EXIST-3 Extension Phase
27	Bieber D	Stretch Syncope at a Tertiary Care Center: A Case Series
28	Bonkowsky J	Encephalopathy
29	Buchhalter J	Caregiver Satisfaction with Receiving the Pediatric Epilepsy Consultation Note
30	Calley C	May Predict Seizure Onset
31	Camayd-Munoz C	Capability of Implementing Telehealth in a Pediatric Neurology Population with High Health Disparities
32	Davis P	Sclerosis Complex
33	Day A	Pre-symptomatic Treatment of Sturge-Weber Syndrome: Treating SWS Infants with Aspirin and Anticonvulsants
34	Dudeck L	Sudden Unexplained Death in Epilepsy (SUDEP): Could Antiepileptic Regimens be a Contributing Factor?
35	Farias-Moeller R	Epilepsy Syndrome.
36	Farkas V	Efficacy and Tolerability of Adjunctive Lacosamide in Children and Adolescents with Uncontrolled Focal Seizures: A Randomized, Double-Blind, Placebo-Controlled Trial
37	Gaillard W	Sudden Death in Epilepsy: Knowledge Among Pediatric Providers
38	Govil-Dalela T	Long-Term Changes in Cerebral Glucose Metabolic Abnormalities in Children with Drug-Resistant Epilepsy
39	Grefe A	Benefit of an Epilepsy Nurse Navigator in a Pediatric Neurology Clinic
40	Heath J	Assessing the Impact of Standardized Discharge Processes on Readmission Rates for Patients With Seizures
41	Hong A	Utility of Prolonged EEG Monitoring Prior to Antiepileptic Drug Withdrawal
42	Joshi C	Treatment with Cannabidiol (CBD) Significantly Reduces Drop and Total Seizure Frequency in Lennox-Gastaut Syndrome (LGS): Results of a Multicenter, Randomized, Double-Blind, Placebo Controlled Trial (GWPCARE4)
43	Kincaid M	Management of Refractory Status Epilepticus at a Children's Hospital

44	Liu Y	a Genomic Diagnosis
45	Nunley S	Healthcare Utilization Characteristics for Intranasal Midazolam Versus Rectal Diazepam
46	Pan X	Partial-Onset Seizures
47	Pina-Garza J	Improving Detection of LGS
48	Roberts C	Efficacy and Safety of Adjunctive Everolimus for Treatment-Resistant Focal-Onset Seizures in Tuberous Sclerosis According to Age: Insights From EXIST-3
49	Scalais E	Early Onset Epileptic Encephalopathy: Genetic Analysis and Further Delineation of Genotype-Phenotype Correlation
50	Sergott R	Disease Characteristics, Disposition, and Vision Loss in Pediatric Patients in the Sabril® Registry
51	Specchio N	Ganaxolone in Children with CDKL5 Gene-Related Epileptic Encephalopathy: Top-Line Data From an Open-Label Trial
52	Stewart G	Comprehensive High-Throughput Drug Screening in a Cellular Model of KCNQ2 Epileptic Encephalopathy
53	Treat L	Neurologic Conditions Are Common Among Children Receiving Inpatient Palliative Care
54	Turkdogan D	Syndromes
55	Sully K	Variation on a Theme: A Unique Large TSC1 Gene Deletion with "Tuber-less" Tuberous Sclerosis
56	Armangue T	26:0 Lysophosphatidylcholine Elevations in Newborn Screening Spots in Aicardi Goutieres Syndrome
57	Stowe R	Pediatric EEG Patterns in Routine Polysomnography and Risk of Epilepsy
58	Reyes I	Variable Presenting Symptoms in Siblings Positive for Glucose Transporter Type 1 Deficiency Syndrome (GLUT1-DS)

### Genetics

59	Reyes I	The Clinical Utility of Targeted-Gene Panel Testing as a Diagnostic Tool in Pediatric Neuromuscular Disorders
60	Bishay D	Sequencing (WES)
61	Caron E	KCNQ2 Mutations Mimic Hypoxic Ischemic Encephalopathy
62	Stowe R	Ketogenic Diet for Refractory Status Epilepticus in an Infant Presenting with Leigh Syndrome Phenotype Due to Novel Lipoyltransferase 1 (LIPT1) Genetic Defect
63	Perrier S	Recessive Mutations in NDUFA2 Cause Mitochondrial Leukoencephalopathy
64	Gauquelin L	Clinical Description of POLR3-Related Leukodystrophy Caused by POLR1C Mutations
65	Gauquelin L	Expanding the Phenotypic Spectrum of POLR3-Related Leukodystrophy
66	Gropman A	Clinical and Molecular Genetic Analyses of a Rare De Novo Point Mutation in the MT-ATP6 Gene Associated with Maternally Inherited Form of Leigh Syndrome
67	Johnson W	Possible New Maternally Acting Gene Alleles (MAGAs) in ASD
68	Querubin J	The Clinical Utility of Targeted Gene Panel Testing as a Diagnostic Tool for Pediatric Neurologic Disorders
69	Rajan D	Functional Characterization of a Novel Mutation in the Gemin5 gene

70	Srivastava S	Cerebellar Volume as a Neuroimaging Marker of Developmental Abilities in Infants with Tuberous Sclerosis Complex
71	Teigen C	Diagnostic Yield of Multi-gene Panels for Brain Malformation Disorders
72	Tinker J	Significance Reported
73	Weltmer E	Parental Co-Segregation Analysis Significantly Reduces but does not Eliminate VUS Rate in Multi-Gene Panel Testing
74	Williams J	Developing A Staging System for Juvenile Batten Disease (CLN3 Disease)

### **Stroke**

75	Alhadid K	Bone Marrow Transplant Restores Cerebrovascular Reactivity (CVR) in Sickle Cell Disease (SCD): A Case Presentation
76	Jimenez-Gomez A	Ballismus as a Rare Presenting Sign of Pediatric Ischemic Stroke: Case Report and Review of the Literature
77	Taylor J	Risk Factors for Mortality in Childhood Stroke in the KID Datasets, 2000-2012

### **Headache/Migraine**

78	Connelly M	Technology: The HAPPY Project
79	DiSano M	Neuroimaging in a Pediatric Patient Cohort with Papilledema
80	Lateef T	Familial Transmission of Migraine-Evidence from a High Risk Study
81	Schwarz A	Predictors of Response to Biofeedback Therapy for Persistent Post-Concussive Headache in Children
82	Santoro J	Patients

### **History/Teaching of Child Neurology**

83	Santoro J	Cluster Randomized Controlled Trial of Disability Education Module in a Core Pediatrics Clerkship
84	Feist T	2016
85	Javarayee P	Pediatric Neurology Training Around the World
86	Nelson A	Measures and the Confidence Trap
87	Rogers D	Russian/U.S. Collaboration to Improve Care for Children with Developmental Disabilities: Process and Early Outcomes
88	Sato A	Knowledge, Comfort, and Practice of Palliative Care by Child Neurologists
89	Vasiliadis A	Utility of a Daily Safety Huddle on a Pediatric Neurohospitalist Service

### **Movement Disorders**

90	Harris H	Comparison of Children Diagnosed with Cerebral Palsy in a Private Cord Blood Bank to Children Diagnosed with Cerebral Palsy in a US Epidemiological Sample
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91	Poirier-Blanchette L	Comorbidities as Early Markers of Developmental Coordination Disorders in Children: Report of 29 Patients
92	Troxell R	Parkinson Features in Two Patients with 6q.22.1micro-deletion
93	Wu S	Clinical Outcome and Kinematic Analysis of a Young Child with DYT6 after GPi DBS

### Neonatal Neurology

94	Carrasco M	Temporal Evolution of Diffusion Tensor Imaging (DTI) Findings in the Corpus Callosum and Other Brain Regions in Neonatal Hypoxic Ischemic Injury (HII)
95	Chen D	Diagnostic and Therapeutic Approach to KCNQ2-Associated Early Infantile Epileptic Encephalopathies
96	Din F	Neonatal Stroke: Maternofetal risk factors, Presentation and Long Term Outcome
97	Drace A	Encephalopathic Neonates
98	Mahfooz N	Optimal Duration of Continuous Video-Electroencephalography in Term Infants with Hypoxic-Ischemic Encephalopathy and Therapeutic Hypothermia
99	Mittal N	Bumetanide May Play a Neuro-Protective Role in Developing Neonatal Rat Brain by Reversing Effects of Intermittent Hypoxia on Neuro-Inflammation

### Neuroimaging

100	Ashwal A	White Matter Disruption in Moderate and Severe Pediatric Traumatic Brain Injury: A Longitudinal Analysis
101	Ashwal A	Early NAA Reductions Predict Neuropsychological Outcomes After Pediatric TBI
102	Desai J	Lower Perfusion in Broca's Region in Persons Who Stutter
103	Ikonomidou c	Quantitative Ultrasound Detects Apoptotic Cell Death Induced by Sevoflurane in the Neonatal Rhesus Monkey Brain
104	Ismail f	Using Diffusion Tensor Imaging Based Measurements to Predict Outcomes of Constraint Induced Movement Therapy in Children with Hemiplegic Cerebral Palsy
105	Kim J	Metabolic Correlates of Reorganization of Cognitive Functions in Children with Unilateral Sturge-Weber Syndrome
106	Tully H	Factors Associated with Hydrocephalus Among Children with Craniosynostosis
107	Zielinski B	Network-Level Structural Covariance in the Pediatric Brain

### Neuromuscular Disorders

108	Al-Ramadhani R	Clinical Characteristics of Children with Postural Orthostatic Tachycardia Syndrome (POTS)
109	Balasa A	Rituximab for Autoimmune Disorders of Nerve and Muscle Hyperexcitability
110	Christou Y	Thirty Months of Treatment of a Patient with Pantothenate Kinase-Associated Neurodegeneration (PKAN) with Fosmetpantotate (RE-024), A Phosphopantothenate Replacement Therapy
111	Colan S	Treated Patients

112	Day J	Minimal Important Difference and 4000L Alglucosidase Alfa Effect Size of the Gross Motor Function Measure-88 (GMFM-88) in Pompe Disease: Distribution-Based Estimates from ADVANCE
113	Delgado M	Limb Spasticity
114	Entezam A	Neuromuscular and Epilepsy Panels
115	Espinoza A	The Epidemiology of Infantile Botulism in Utah
116	Golla S	Prevalence of Neurocognitive and Behavioral Impairment in Individuals with DMD(Duchenne Muscular dystrophy) ,BMD( Becker Muscular Dystrophy) and DMD Carriers
117	Karol M	Fosmetpantotenate (RE-024) for Pantothenate Kinase-Associated Neurodegeneration (PKAN): Maximum Tolerated Dose (MTD) and Therapeutic-Dose Food Effect Studies in Adult Healthy Volunteers
118	Luke R	Pure Sensory Polyneuropathy in Childhood
119	Mondok L	Thymectomy Outcomes in Pediatric Ocular Myasthenia Gravis
120	Patel R	Clinical and Electrodiagnostic Follow-Up of Acute Flaccid Myelitis (AFM) Cases from Atlanta, Georgia
121	Pochiraju S	Maturation of Motor Sensory Nerve Conduction Velocity in Infants and Young Children
122	Pulgar S	in the United States
123	Sarnat H	Novel Pathogenesis of Isolated and Syndromic Congenital Ptosis: 33 Cases
124	Siegel B	Sleep and Physical Activity Correlates of Quality of Life in Duchenne Muscular Dystrophy
125	Sproule D	AVXS-101 Phase 1 Gene Replacement Therapy Clinical Trial in SMA Type 1: Patients Treated Early with the Proposed Therapeutic Dose Were Able to Sit Unassisted at a Younger Age
126	Tilton A	Safety and Tolerability of AbobotulinumtoxinA in the Management of Pediatric Lower Limb Spasticity: Pooled Analysis of Repeat Injection, Open-Label Trials
127	Tilton A	Safety Profile of AbobotulinumtoxinA for Lower Limb Spasticity in Preschool Aged Children (2-5 years) Compared with Older Children: Pooled Analysis of Controlled Clinical Trials
128	Thongsing A	Health-Related Quality of Life and Associated Factors in Children and Adolescent with Duchenne Muscular Dystrophy

#### **Translational/Experimental Therapeutics**

129	de los Reyes E	Long-Term Safety and Efficacy of Intracerebroventricular Enzyme Replacement Therapy with Cerliponase Alfa in Children with CLN2 Disease: Interim Results from an Ongoing Multicenter, Multinational Extension Study
130	de Castro Lopez M	Preliminary Safety and Pharmacodynamic Response Data from a Phase 1/2 Study of ICV BMN 250, A Novel Enzyme Replacement Therapy for the Treatment of Sanfilippo Syndrome Type B (MPS IIIB)
131	Shaywitz A	Design and Rationale of Ongoing Observational and Treatment Studies for BMN 250, A Novel Enzyme Replacement Therapy for Sanfilippo Syndrome Type B (MPS IIIB)

132	Berry-Kravis E	Arrest of Progression of Niemann-Pick Type C1 (NPC) With Intrathecal 2-Hydroxypropyl- $\beta$ -Cyclodextrin (VTS-270) In Multiple Neurological Domains for 3 Years
133	Eichler F	Autologous Hematopoietic Stem Cell Gene Therapy for Cerebral Adrenoleukodystrophy – Interim Results and Initial Long-Term Follow-Up of an International Clinical Study
134	Johnson T	Impressions of a Novel Cup for Individuals with Cerebral Palsy
135	Scafidi J	Age-Dependent Cellular and Behavioral Deficits Induced by Molecularly Targeted Drugs are Reversible
136	Wang Y	A Double-Blind, Placebo-Controlled, Randomized-Withdrawal, Multicenter Study on the Efficacy and Safety of Sodium Oxybate in Pediatric Subjects with Narcolepsy with Cataplexy

**ACNN**

137	Vierhile A	Feasibility of Providing Pediatric Neurology Telemedicine Care to Youth with Headache
138	Pezzuto T	How important is Headache Hygiene?
139	Pezzuto T	Response to the Cefaly Device in Pediatric and Adolescent Intractable Migraine Population
140	Rhee J	Childhood Cerebral xALD Presentation and Progression Following Cardiac Arrest
141	Nunn D	Baclofen Pump: A Case Report
142	Laine R	Pilot Study of a Continuous Sedation Protocol to Combine Sedated Brain MRI with Lumbar Puncture
143	Carter C	Intranasal Midazolam: Ensuring an Effective Abortive Treatment for Seizures is Accessible to Patients
144	Chee C	Strengthening Relationships Between the School and Keto Team Through a Needs Assessment