2022 Child Neurology Society Posters

Thursday, October 13
12:30 PM – 2:00 PM Exhibits, Poster Review & Guided Poster Tour #1 &
5:30 PM – 7:00 PM Exhibits, Poster Review (Wine & Cheese) & Guided Poster Tour #2

Poster Assignment	Submission Title	Primary Author First Name	Primary Author Last Name	City	State
Brain Tumors/Oncology					
1	Tumor resident B-cell receptor characteristics are associated with better overall survival for patients with neuroblastoma	Dorottya	Kacsoh	Orlando	FL
2	The Use of Trametinib in Infants with Symptomatic NF1-associated Congenital Plexiform Neurofibromas	Tena	Rosser	Los Angeles	CA
Cognitive/Behavioral Disorders (including Autism)					
3	Tuber involvement of the right fusiform face area predicts autism spectrum disorder in children with tuberous sclerosis complex	Mallory	Kroeck	Boston	MA
4	Coordinate Network Mapping of Disparate Atrophy Patterns in Attention Deficit Hyperactivity Disorder Shows Convergence on the Intersection Between the Reward and Salience/Attention Brain Networks	Juliana	Wall	Brookline	MA
5	Inhibitory Biomarkers of Action Stopping in Children with ADHD	Donald	Gilbert	Cincinnati	OH
6	Cognitive and Adaptive Trajectories Across Age in Fragile X Syndrome	Elizabeth	Berry-Kravis	Chicago	IL
7	Developmental and EEG Characteristics of SLC6A1-Related Disorder	Kimberly	Goodspeed	Dallas	TX
8	The New Frontier of Adult Neurodevelopmental Care: What do Patients and Caregivers Value?	Jessica	Sanders	Denver	CO
9	Sex-Dependent Structure of Socioemotional Salience, Executive Control, and Default Mode Networks in Preschool-Aged Children with Autism	Brandon	Zielinski	Salt Lake City	UT
10 (WITHDRAWN)	Recommended First Tier Genetic Testing for Patients with Neurodevelopmental Disorders has Diagnostic Utility	Dianalee	McKnight	Highland	MD
11	Brain networks identified by Lesion Network Mapping are altered in Autism Spectrum Disorder proportionate to symptom prevalence	Peter	McManus	Goffstown	NH
12	Neurofunctional and neuroanatomical markers of EBF3-related neurodevelopmental disorders	Vanesa	Lerma	Houston	TX
13	Need for Change! - State of services for children and young people with neurodisability in Abuja, Nigeria: A prototype special centre study	Chinatu	Ohiaeri	Abuja	Nigeria
14	Barriers to Adult Neurodevelopmental Care: Insights from Qualitative Interviews with Patients and their Caregivers	Jessica	Sanders	Denver	CO
15	Fine Motor Abilities in Infants at Heightened Risk for Autism Spectrum Disorder	Katherine	Dove	Pittsburgh	PA
16	Adult Life in Fragile X Syndrome	Elizabeth	Berry-Kravis	Chicago	IL
17	A Comprehensive, Personalized, Medically Based Care Model Improves Adaptive Behavior Outcomes in Autism vs Standard of Care	Annie	Brandes-Aitken	New York	NY
18	Subtle Neurologic Signs in Chromosome 16p11.2 Deletion and Duplication	Brittany	Sprigg	Seattle	WA
19	The association of quantitative EEG & heavy metal levels in children with Autism spectrum disorder: A cross sectional study	Sheffali	Gulati	New Delhi	India
20	Comorbidities in children with cerebral palsy: A cross-sectional study	Ruchika	Jha	Pune	India
21	The analysis of Spectrum of Co-morbidities in children with ASD (Autism Spectrum Disorder): a retrospective study	Sheffali	Gulati	New Delhi	India
COVID-19					
22	Side effect profiles of the COVID-19 Vaccine Amongst Patients with Mitochondrial Disease	Eliza	Gordon-Lipkin	Bethesda	MD
23	Pediatric Small Fiber Neuropathy Following COVID-19 Infection: The First Reported Case	Michaela	Squire	Durham	NC
Critical Care					
24	Trends in Quantitative EEG use in Pediatric Critical Care Across North America	Giulia	Benedetti	Seattle	WA
Demyelinating Disorders					
25	MOG and AQP4 antibodies among children with multiple sclerosis and controls	Cristina	Gaudioso	St. Louis	MO
26	Cerebral Visual Impairment in Children with Adrenoleukodystrophy	Camille	Corre	Rochester	NY
27	The phenotypic spectrum of pediatric onset TUBB4A-related leukoencephalopathies: A new classification system among the pediatric population	Brittany	Charsar	Philadelphia	PA
28	Virtual Reality Testing in Boys with Adrenoleukodystrophy: Monitoring Cerebral Visual Impairment	Melissa	Bambery	Boston	MA
29	Incidence of pediatric acute disseminated encephalomyelitis during the COVID-19 pandemic: a nationwide population-based retrospective cohort study	Junho	Hwang	Seoul	Republic of Korea
30	iPSC-derived human neuronal and oligodendrocyte models to unravel H-ABC pathophysiology and emerging anti-sense therapy	Luis	Garcia	Philadelphia	PA
31	HLA DRB1 and DQBI allelic expression in an Indian cohort of pediatric onset central acquired demyelination syndrome: initial trends from an ambispective observational study	Biswaroop	Chakrabarty	New Delhi	India
32	"Imaging Features and Clinical Characteristics of Relapsing and Non-relapsing in Pediatric MOG Antibody Disease"	Lydia	Marcus	Birmingham	AL
33	Diagnostic Dilemma in Pediatric CMT	Aravindhan	Veerapandiyan	Little Rock	AR
Education					
34	Steps Towards Transition – Assessing knowledge and providing education for adolescents with epilepsy	Sarah	MacDonald	Dayton	OH
35	New ACGME program support requirements - A threat to Child Neurology training in the U.S.	Danny	Rogers	Albuquerque	NM
36	Procedural and neurophysiology education in child neurology residency programs	Clara	Chow Haws	Phoenix	AZ
37	#CNSAM: The Past, the Present, and the Future	Jaclyn	Martindale	Winston Salem	NC

Epilepsy/Sleep					
38	Distinct human motor cortex single-cell transcriptome of mitochondrial genes in inhibitory neurons compared to excitatory neurons	Vikram	Jakkamsetti	Dallas	TX
39	Targeting upstream open reading frames of SCN1A to boost translation of Nav1.1 in Dravet Syndrome	Jordan	Safran	Ann Arbor	MI
40	Extended duration ganaxolone treatment for seizures associated with CDKL5 Deficiency Disorder: 1-year minimum open-label extension follow-up	Elia	Pestana-Knight	Cleveland	OH
41	Assessing determinants of ECG changes in pediatric epilepsy	Brittnie	Bartlett	Houston	TX
42	Examination of the Inter–Seizure-Cluster Interval Over Time in Pediatric Patients in a Phase 3, Long-Term Open-Label, Repeat-Dose Safety Study of Diazepam Nasal Spray for the Treatment of Seizure Clusters	Sunita	Misra	San Diego	CA
43	Do Patients With Lennox-Gastaut Syndrome Respond Differently to Diazepam Nasal Spray (Valtoco®) Than Other Patients with Pediatric Encephalopathies? Final Safety and Effectiveness Results From a Phase 3, Long-Term Open-Label, Repeat-Dose Safety Study	Daniel	Tarquinio	Atlanta	GA
44	Significant delays to diagnosis and morbidity observed in non-motor childhood-onset focal epilepsy	Monica	Ferrer	New York	NY
45	Predictive Value of Video alone in Diagnosis of Epileptic vs Paroxysmal Non-Epileptic Events in Children	Tyler	Burr	Louisville	KY
46	Machine learning to predict response to the ketogenic diet in pediatric epilepsy: a retrospective cohort study	Shennon	Lu	Atlanta	GA
47	Questionnaire based prevalence of sleep problems in normal and diseased population of children and adolescents aged 2-18 years and their association with academic impairment, an observational study	Biswaroop	Chakrabarty	New Delhi	India
48	In Tuberous Sclerosis Complex, Infantile Spasms Typically Require More Than One Tuber Impacting the Brain Network Connected to the Globus Pallidus	Arina	Ovchinnikova	Boston	MA
49	Non-coding exon 1 deletions in the CDKL5 gene lead to CDKL5 deficiency	Isabel	Haviland	Boston	MA
50	Characterizing Connectivity of Seizure Onset Zones using CCEPs	Helen	Wu	Cincinnati	OH
51	Electrical Stimulation Mapping in Patients with Tuberous Sclerosis Complex	Kishore	Vedala	Cincinnati	OH
52	A pathogenic variant of the DNM1L mitochondrial gene associated with super-refractory status epilepticus (SE) in a 15-year-old female	Nayana	Prabhu	Little Rock	AR
53	Spectrum of disease caused by C191R, R157G, and A39V TBC1D24 mutations: A study of eleven patients	Vishal	Sondhi	Pune	India
54	Improving Medication Adherence as Part of a Learning Heathcare System	Nan	Lin	Cincinnati	OH
55	Pharmacoepidemiology Foundations for Comparative Effectiveness Research in Pediatric Epilepsy -- First and Second line therapy for children 0 to 5 years.	Zachary	Grinspan	New York	NY
56	Development of Conceptual Models for Dravet Syndrome and Lennox–Gastaut Syndrome	Scott	Andrews	Cambridge	MA
57	Similar Antiseizure Medication Refill Characteristics in Hispanic and White Pediatric Patients	Monika	Baker	Salt Lake City	UT
58	Quality of Life and Developmental Outcomes in SCN8A-Related Epilepsy	Vivien	Xie	Washington	DC
59	Long-term treatment with intracerebroventricular cerliponase alfa for children with CLN2 disease: Safety and efficacy after >5 years	Emily	de los Reyes	Columbus	OH
60	Pathogenic and Likely Pathogenic Variants in KCNQ2 Underlie a Large Majority of Genetic Epilepsy in Neonates and Infants <6 Months of Age	Celene	Grayson	Burnaby	BC, Canada
61	Findings from the Implementation of a Novel Needs Assessment Survey in Children and Youth with Epilepsy; The Impact of Social Determinants of Health on Utilization of Medical Services	Elizabeth	Wilson	Boston	MA
62	Effect of ganaxolone on behaviors in children with the CDKL5 Deficiency Disorder	Jenny	Downs	Perth	Australia
63	Treatment-response and long-term outcome in patients with Electrical Status Epilepticus in Sleep (ESES)	Hadar	Weisman	Ramat Gan	Israel
64	Title: Measuring Transition Readiness in Adolescents with Epilepsy: Opportunities and Challenges	Tina	Krysiak	Dayton	OH
65	Optimal duration for recording pediatric EEG: an observational study	Arvinder	Wander	New Delhi	India
66	Quality Improvement in Epilepsy Care: Characterization of the Population in a Mixed Rural and Small Urban Setting	William	Trescher	Hershey	PA
67	Beyond stopping the 'Fits' ! – Developing and Delivering an Epilepsy Awareness Training	Chinatu	Ohiaeri	Abuja	Nigeria
68	Utilization of point of care data entry to provide information regarding rare epilepsy syndromes	Morris	Scantlebury	Calgary	AB, Canada
69	Challenges of determination in date of onset of infantile spasms: A tertiary health center's experience	Aristides	Hadjinicolaou	Boston	MA
70	Interhemispheric dysynchronization by deep brain stimulation rapidly improves seizure control in Lennox Gastaut Syndrome: a proof of concept case	Warren	Marks	Fort Worth	TX
71	Efficacy and safety of perampanel in pediatric patients aged 2–<12 years with seizures associated with Lennox-Gastaut Syndrome	Brenda	Porter	Palo Alto	CA
72	EEG Findings Enhance the Yield of Epilepsy Gene Panel Testing in Children.	Douglas	Nordli III	Jacksonville	FL
73	Pediatric Epilepsy Gene Panel Results and Long-Term Seizure-Free Status	Joshua	Bonkowsky	Salt Lake City	UT
74	Annual/Seasonal Patterns and Somatic Comorbidities of Non-Epileptic Events (NEE) in Pediatric Populations	Taylor	Stephens	Cleveland	OH
75	Effectiveness, Safety and Tolerability of Perampanel in Pediatric and Adolescent Patients with Focal-Onset and Generalized-Onset Seizures: Evidence from Clinical Practice	Stéphane	Auvin	Paris	France
76	Tethered, Online Education Improves Awareness of the Place in Care of New Treatments and Helps Align Patient/Caregiver and Clinician Treatment Goals in Developmental and Epileptic Encephalopathies	Carole	Drexel	Needham	MA
77	Polysomnographic parameters and comparison of academic performance in those with and without sleep disorders, an observational study	Biswaroop	Chakrabarty	New Delhi	India
78	Unusual Presentation of Phosphatidylinositol glycan biosynthesis class A protein (PIGA) deficiency presenting as refractory pediatric epileptic encephalopathy; A mystery solved after 21 years	Gull Zareen	Sial	Buffalo	NY
79	Seizure during hemodialysis in a pediatric patient with renal disease requires further neurological workup	Alexander	Sandweiss	Houston	TX

80	Successful treatment of status epilepticus in a patient with a novel phenotype of an ATP1A2 missense mutation known to cause hemiplegic migraines	Aditi	Trivedi	San Diego	CA
81	Stiripentol for drug-resistant epilepsy treatment in tuberous sclerosis complex	Gewalin	Aungaroon	Cincinnati	OH
82	Higher beta-hydroxybutyrate levels result in decreased neutrophils in children with epilepsy on the ketogenic diet	Grace	Gombolay	Atlanta	GA
83	Cognitive and Behavioral Effects and Tolerability of Adjunctive Brivaracetam in Children and Adolescents with Focal Seizures: Pooled Interim Analysis	Allison	Little	Smyrna	GA
84	Isoflurane controls Super Refractory Status Epilepticus secondary to a Monoallelic DNM1L Mutation: A Case Report	Chanhyun	Park	Fort Worth	TX
85	Novel missense variant in the SLC2A1 c.1162T>C (p.Trp388Arg) causing childhood onset intractable generalized epilepsy, microcephaly and cognitive impairment	Omer	Abdul Hamid	Memphis	TN
86	Patient Outcomes During Transition from Pediatric to Adult Care for Epilepsy	Emily	Nurre	Cincinnati	OH
Equity, Diversity, Inclusion					
87	Implementation of a Provider-to-Provider 24-7 Hotline for Angelman Syndrome Improves Access to Expert Care	Jessica	Duis	Aurora	CO
88	Differential National Trends in Child Neurology	Natalie	Ramsy	Champaign	IL
89	Race and Gender-Associated Disparities in Acute Headache Management in a Pediatric Emergency Department	Naini	Shiswawala	Cleveland	OH
90	Reducing Implicit Bias and Promoting DEI Efforts in Child Neurology Residency Recruitment- An Update from 2020	Ishani	Kumar	Ann Arbor	MI
91	Telephone vs Video Visits in Pediatric Neurology during the COVID-19 Pandemic: Outcomes and Access	Annette	Grefe	Winston-Salem	NC
92	Missed Appointments and Socioeconomic Trends Among Child Neurology Patients	Lauren	Albor	Cincinnati	OH
93	Cure SMA Patient Data Collection: Comparing the Cure SMA Clinical Data Registry, Membership Database and US SMA Population	Lisa	Belter	Elk Grove Village	IL
Genetics					
94	Genetic Causes and Biological Pathways Elucidated by Exome Sequencing in Patients with Cerebral Palsy	Siddharth	Srivastava	Boston	MA
95	Pathogenic Variants in SPTSSA Dysregulate Sphingolipid Synthesis and Cause a Complicated Form of Hereditary Spastic Paraplegia	Siddharth	Srivastava	Boston	MA
96	Demonstrating the Value of Genome Sequencing in a Pediatric Neurology Cohort: A Successful Partnership Between a Patient Organization and Industry	Holly	Snyder	San Diego	CA
97	Precision diagnostics for GLUT1 disorders using deep mutational scanning	Naeimeh	Tayebi	St. Louis	MO
98	PTC Pinpoint CP Spectrum: A sponsored no-charge to patients 265-gene panel for patients with symptoms suggestive of CP and absence of risk factors for an acquired brain injury	Ryan	Miller	Liverpool	NY
99	Exome Sequencing in 18,911 Individuals Affected by Autism Spectrum Disorder Suggests Broad Based Testing Approach	Amanda	Lindy	Gaithersburg	MD
100	Natural History of Childhood Neurodegeneration in UBTF-Related Disease	Amanda	Nagy	Boston	MA
101	A CROSS-SECTIONAL STUDY OF THE NEUROPSYCHIATRIC PHENOTYPE OF CACNA1C-RELATED DISORDER	Rebecca	Levy	Palo Alto	CA
102	Muscle RNA sequencing facilitates detection of a pathogenic LAMA2 variant not identified by routine whole genome sequencing	Jacob	Roose	Akron	OH
103	Use of exome sequencing in the evaluation of developmental delay/intellectual disability among child neurologists: Current practices, perspectives, and barriers	Jordan	Cole	St. Louis	MO
104	Phenotypic and Genotypic Heterogeneity Related to Gene Defects in TBL1XR1	Amanda	Nagy	Boston	MA
105	The phenotypic spectrum of GTPBP3 mutation related disease: a case series	Kriti	Bhayana	Cleveland	OH
106	Qualitative studies on SMN1 gene and genetic couselling of spinal muscular atrophy	Nouha	Bouayed Abdelmoula	Sfax	Tunisia
107	Hypocitrullinemia on Newborn Screening as an early indicator of Leigh Syndrome due to homoplasmic m.8993T>G variant	Ramya	Treitel	New York	NY
Headache/Migraine					
108	The Efficacy of Nerve Block Injections in the Pediatric Population	Alana	Kravitz	Washington	DC
109	An Unusual Presentation of Cerebrospinal Fluid Leak Due to the Rupture of an Occult Myelomeningocele in a Typically Developing Adolescent.	Pallavi	Avasarala	Woodbridge	VA
110	Acute Flaccid Myelitis: role for enterovirus-induced nuclear pore complex dysfunction in pathogenesis	Matthew	Elrick	Baltimore	MD
111	Sleep Characteristics in Pediatric Anti-NMDA Receptor Encephalitis	Grace	Gombolay	Atlanta	GA
112	Application of Optimization Methods to Distinguish between Definite Pediatric Infectious and Autoimmune Encephalitis within One Week of Symptom Onset	Ryan	Kammeyer	Aurora	CO
113	Initial Disease Severity Predicts Executive Functioning in Children with anti-N-methyl-d-aspartate receptor encephalitis (ANMDARE)	Claire	Semerjian	Washington	DC
114	Refractory Pediatric NMDA Receptor Encephalitis: A Case Series	Delia	Rospigliosi	Houston	TX
115	Number of clinical seizures during hospitalization is associated with long-term neurologic and neurocognitive outcomes in pediatric cerebral malaria	Daniel	Clark	Columbus	OH
116	Clinical and Demographic Characteristics of Pediatric anti-NMDAR Encephalitis	Alexander	Sandweiss	Houston	TX
117	Steroid Un-Responsive Encephalopathy Associated with Autoimmune Thyroiditis (SUEAT) in Pediatric Patients.	Geetanjali	Rathore	Omaha	NE
118	The Role of Plasmapheresis in Children with Antibody- Negative Autoimmune Encephalitis	Geetanjali	Rathore	Omaha	NE
119	CASPR2 Autoimmune Encephalitis Triggered by Acute Mercury Toxicity	Martin	Mwangi	Saint Louis	MO
120	The Utility of the Neutrophil-to-Lymphocyte ratio in Aquaporin-4 Neuromyelitis Optica Spectrum Disorder	Lily	Devlin	Atlanta	GA
121	A case of refractory status dystonicus due to anti-NMDA receptor encephalitis responsive to intrathecal rituximab	Rachel	Zolno	St. Louis	MO
122	Unusual presentation of transiently multiphasic pediatric MOGAD with CSF eosinophilia and histiocytosis	Molly	Moehlman	Washington	DC

Movement Disorders (including Cerebral Palsy)					
123	GABA and Glutamate Levels in Supplementary Motor Area Modulate Lateralization of Motor Cortex Excitability in Tourette Syndrome	Travis	Larsh	Cincinnati	OH
124	Prevalence of mental health symptoms within the caregiver-child dyad of pediatric patients with cerebral palsy	Grace	Clark	Portland	OR
125	Altered Pain Network Structure and Functional Connectivity in Children with Bilateral Cerebral Palsy	Nicole	Gorny	Baltimore	MD
126	Further Evidence for Early-Onset, Severe Complex Hereditary Spastic Paraplegia Caused by De Novo Variants in SPAST	Alisa	Mo	Boston	MA
127	A Comparison of Comorbidities between Preterm and Term Children with Cerebral Palsy and Periventricular White Matter Injury	Amaar	Marefi	Montreal	QC, Canada
128	Development of a self-assessment questionnaire to identify dystonia in people with cerebral palsy	Alyssa	Rust	St. Louis	MO
129	White Matter Injury Predominates in People with Dystonia and Cerebral Palsy Following Premature Birth	Keerthana	Chintalapati	St. Louis	MO
130	Clinical and molecular phenotype of PTRHD1-associated juvenile parkinsonism	Jennifer	Tavani	Phoenix	AZ
131	Spectrum of Pediatric to Early Adulthood POLR3A-Associated Movement Disorders	Alonso	Zea Vera	Washington	DC
132	Dysphagia is a strong risk factor in predicting low bone density in adults with cerebral palsy	Se Hee	Jung	Seoul	Republic of Korea
133	Reduced dominant motor cortex inhibition is associated with increased tic severity in children with Tourette syndrome	Mitchell	Batschelett	Baltimore	MD
134	Comorbidities of children with cerebral palsy born at term compared to preterm in the Canadian Cerebral Palsy Registry	Heather	Pekeles	Montreal	QC, Canada
135	Stereotactic EEG evaluation aids decision making in patients with complex dystonia undergoing deep brain stimulation	Warren	Marks	Fort Worth	TX
136	Characteristics of children with cerebral palsy secondary to intrapartum asphyxia in the post therapeutic hypothermia era	Heather	Pekeles	Montreal	QC, Canada
137	PEDiDBS: The international registry of pediatric patients undergoing deep brain stimulation	Warren	Marks	Fort Worth	TX
138	Prevalence of Genetic Disease in Patients with Cerebral Palsy	Alexandra	Brooks	Rootstown	OH
139	Geographical Knowledge Disparities in Cerebral Palsy Epidemiology	Frances	Avila-Soto	St. Louis	MO
140	A Two-Part, International, Real-World, Observational Registry of Participants Diagnosed with Aromatic L Amino Acid Decarboxylase Deficiency (AADC-d) With or Without Treatment With Eladocagene Exuparvovec	Roberto	Giugliani	Porto Alegre	Brazil
Neonatal & Fetal Neurology					
141	Neonatal encephalopathy treated with therapeutic hypothermia: is absence of cord blood acidosis a marker for causes other than hypoxic-ischemic encephalopathy (HIE)?	Marie-Coralie	Cornet	San Francisco	CA
142	Seizure Burden, EEG Background, and Outcome in Neonates with Acute Intracranial Infections: A Prospective Multicenter Cohort Study	Nehali	Mehta	San Francisco	CA
143	Relationship between blood and cerebral glucose concentration - an in-vivo investigation of glycemic status in newborns with hypoxic-ischemic encephalopathy	Eduardo	Geyer Winkler Santos	Los Angeles	CA
144	Prenatal Neurologic Diagnosis: Challenges in Neuroimaging, Prognostic Counseling, and Prediction of Neurodevelopmental Outcomes	Virali	Patel	Philadelphia	PA
145	Multivariate Approach to Predicting Developmental Delay Among Children with Hypoxic-Ischemic Encephalopathy	Jacob	Story	Los Angeles	CA
146	Correlations between fetal sulcal brain developmental patterns and postnatal neurodevelopmental outcomes in children with prenatally diagnosed isolated cerebral ventriculomegaly	Sophie	Reid	Boston	MA
147	Metabolic reprogramming in a piglet model of mild neonatal hypoxic ischemic encephalopathy (HIE)	Dawn	Lammert	Baltimore	MD
148	Radiographic Hypoxic-Ischemic Injury without Clinical Signs of HIE in Term Neonates	Megan	Abbott	Denver	CO
149	Heart rate variability at term is associated with Central Autonomic Network connectivity in premature neonates	Kelsey	Christoffel	Washington	DC
150	Neonatal Tetanus Still Remains a Differential Diagnosis for Seizures in Developed Countries: Case Report	Zahra	Zhu	Hershey	PA
151	Ante-natal and post-natal factors affecting the rate of growth of corpus callosum in preterm infants, a retrospective study.	Dhanalakshmi	Angappan	Beaverton	OR
152	Implementation of a Neonatal Hypoxic-Ischemic Encephalopathy Neurocritical Care Protocol: Improved Compliance with Management Guidelines and Decreased Antiseizure Medications at Discharge	Senyene	Hunter	Chapel Hill	NC
153	Male mice have larger lesions and more variable macrophage response than females 3 days after P10 hypoxia-ischemia	Danielle	Guez-Barber	Philadelphia	PA
154	Short-term Treatment Response and Long-term Outcome in a Retrospective Neonatal Seizure Cohort Initially Treated with Levetiracetam or Phenobarbital.	Andrew	Knox	Madison	WI
Neurocutaneous Disorders					
155	Variation in neuroimaging and outcomes in patients with SWS type III	Aristides	Hadjinicolaou	Boston	MA
Neuroimaging					
156	Quantitative Volumetric Analysis of Brain MRI from Infants and Children with Neuronopathic Mucopolysaccharidosis type II (MPS II) using FreeSurfer	Florent	Roche	Lyon	France
157	Development of Wearable Magnetoencephalography for Detection and Localization of Brain Activation during Movements for Pediatrics	Jing	Xiang	Cincinnati	OH
Neurometabolic Disorders					
158	The viral exposome is marked by repertoire constraints in children with primary mitochondrial dysfunction	Eliza	Gordon-Lipkin	Bethesda	MD
159	Small Molecule and Energy Deficiency Neurometabolic Disorders in Pediatric Intensive Care Unit– Children's National Experience over 10 Years	Kuntal	Sen	Washington	DC
160	CANinform, a Retrospective and Prospective Natural History Study of Canavan Disease: Status and Initial Analyses	Florian	Eichler	Boston	MA
161	Mitochondrial disease patients admitted to the ICU have more severe neurologic phenotypes	Matthew	Doerfler	Chicago	IL

Neuromuscular Disorders					
162	An Open-label, Phase 1/2a, AAV9-CLN3 Gene Transfer Clinical Trial For Juvenile Neuronal Ceroid Lipofuscinosis	Emily	de los Reyes	Columbus	OH
163	Comparing the change in 6-minute walk distance in nmDMD patients receiving ataluren: STRIDE Registry compared with phase 3 clinical trial	Francesco	Muntoni	London	United Kingdom
164	Safety and Effectiveness of Onasemnogene Abeparvovec (OA) Alone or with Other Disease-Modifying Therapies (DMTs): Findings from RESTORE	Dheeraj	Raju	Bannockburn	IL
165	Endoplasmic reticulum (ER) stress in a cellular model of spinal muscular atrophy	John	Whitinger	Milwaukee	WI
166	Caregiver or Patient Rationale for Pursuing Multiple SMA SMN-dependent Therapies – Data from the 2021 and 2022 Cure SMA Community Update Surveys	Lisa	Belter	Elk Grove Village	IL
167	Phase 1/2a Trial of Delandistrogene Moxeparvovec in Patients with DMD: 4-year Update	Jerry	Mendell	Columbus	OH
168	Improving Bone Health Screening in Patients with Spinal Muscular Atrophy: A Quality Improvement Initiative	Erin	McCoy	Louisville	KY
169	Casimersen in Patients with Duchenne Muscular Dystrophy Amenable to Exon 45 Skipping: Interim Results from the Phase 3 ESSENCE Trial	Susan	Iannaccone	Dallas	TX
170	Treatments and Outcomes for Patients with Spinal Muscular Atrophy (SMA) Type 2: Findings from RESTORE Registry	Dheeraj	Raju	Bannockburn	IL
171	Clinical Utility of Serial CMAPs in Spinal Muscular Atrophy	Stella	Deng	Rochester	NY
172	Comparison of timed function test results in nmDMD patients receiving ataluren: STRIDE Registry vs phase 3 clinical trial	Eugenio	Mercuri	Rome	Italy
173	Integrated Analyses of Data from Clinical Trials of Delandistrogene Moxeparvovec in DMD	Craig	Zaidman	Washington	MO
174	Onasemnogene Abeparvovec (OA) Treatment Outcomes by Patient Weight at Infusion: Initial Findings from the RESTORE Registry	Dheeraj	Raju	Bannockburn	IL
175	Assessment of Transition Plan Implementation and Provider Engagement Amongst Adults Affected by Spinal Muscular Atrophy (SMA)	Lynn	Colegrove	Chicago	IL
176	Associations between deflazacort vs prednisone/prednisolone and disease progression markers in subgroups of patients with Duchenne muscular dystrophy	Craig	McDonald	Davis	CA
177	Gene variant and neuromuscular findings from a Long-Chain Fatty Acid Oxidation Disorder gene panel program	Kate	Simmons	Novato	CA
178	Associations Between Daily Deflazacort or Prednisone and Ages at Disease Progression Milestones Among Patients with Duchenne Muscular Dystrophy	Craig	McDonald	Davis	CA
179	Associations between steroid treatment and clinical outcomes among non-ambulatory patients with Duchenne Muscular Dystrophy (DMD)	Oscar	Mayer	Philadelphia	PA
180	A Retrospective Chart Review Assessing the Effect of the COVID-19 Pandemic on the Quality of Life of Myasthenia Gravis Patients Seen at CHLA	Natasha	Sosa	Los Angeles	CA
181	Childhood Onset Hereditary Spastic Paraplegia (HSP): A case series and review of literature	Tanya	Panwala	Boca Raton	FL
182	Beyond Becker and Duchenne: a Novel Phenotype in Dystrophin Gene Mutation - A Case Report	Birce	Taskin	Detroit	MI
183	Rapid Exome/Genome Sequencing in the Diagnosis of Congenital Myasthenic Syndromes in Two Hypotonic Infants	Omer	Abdul Hamid	Philadelphia	PA
184	Chronic recurrent multifocal osteomyelitis, an uncommon cause of weakness masquerading as a neuromuscular disorder in a child	Aishwarya	Pareek	Houston	TX
185	Novel Therapies in Spinal Muscular Atrophy: Experience from tertiary care center in India	Sheffali	Gulati	New Delhi	India
Neuroopthalmology					
186	Development of a pediatric papilledema protocol	Daniel	Lax	Cincinnati	OH
Neurorehabilitation					
187	Accuracy of neuro-prognostication in pediatric severe traumatic brain injury (sTBI)	Varun	Sampat	Wauwatosa	WI
188 (WITHDRAWN)	Anterior vs. Posterior Ventricular Catheter Placement in Pediatric Patients: A Systematic Review and Meta-Analysis	Natalie	Ramsy	Urbana	IL
Neuroscience					
189	Anti-seizure effects of acute fasting are dependent on intact DEPDC5-mediated mTORC1 signaling	Christopher	Yuskaitis	Boston	MA
Rare Diseases					
190	Systemic Complications of Aicardi-Goutières Syndrome	David	Isaacs	Philadelphia	PA
191	Efficacy and safety of trofinetide for the treatment of females with Rett syndrome: results from the randomized, double-blind, phase 3 LAVENDER study	Jeffrey	Neul	Nashville	TN
192	A Phase 1/2 Open-label, Multiple-dose, Dose-escalation Clinical Trial of the Safety and Tolerability of GTX-102 in Pediatric Patients with Angelman Syndrome	Erick	Sell	Ottawa	ON, Canada
193	Stress Granules and Staufen1 Mediate Pathophysiology of Vanishing White Matter Disease	Joshua	Bonkowsky	Salt Lake City	UT
194	Long term benefit of EryDex treatment in patients with Ataxia Telangiectasia: delay of loss of autonomous walking	Susan	Perlman	Los Angeles	CA
195	Development of Longitudinal Quantitative Performance Measures in a Leukodystrophy Featuring Progressive Ataxia	Amena	Fine	Baltimore	MD
196	Neuropsychology and Quality of Life (QOL) Profile in SSADH Deficiency (SSADHD)	Melissa	DiBacco	Boston	MA
197	Burden of Disease Exploration in TUBB4A-related Leukodystrophy	Virali	Patel	Philadelphia	PA
198	Clinical Improvements in the First Year Following Eladocagene Exuparvovec Gene Therapy in Patients With Aromatic L-Amino Acid Decarboxylase Deficiency	Paul	Hwu	Taipei City	Taiwan
199	Early and severe symptoms in children with de novo variants in ATL1 (SPG3A) – in silico predictions and a systematic cross-sectional analysis of the clinical spectrum	Julian	Alecu	Boston	MA
200	Time to Clinical Event Measures in Individuals with Leukodystrophies	Jacob	McCann	Philadelphia	PA
201	Expanding the Phenotypic Spectrum of FLNA from Ventricle to Cortex	Diane	Shao	Boston	MA
202	Clinical and imaging correlates of behavioral problems in children with Sturge-Weber Syndrome	Aimee	Luat	Detroit	MI

203	Epileptic Encephalopathy Secondary to Homozygous TBC1 Domain-Containing Kinase (TBCK) Mutation in Four Patients of Puerto Rican Descent	Johanna	De Luca-Ramirez	Ponce	Puerto Rico
204	Genetic Mutations in Patients with Atypical Sturge-Weber Syndrome	SangEun	Yeom	Baltimore	MD
205	AXO-AAV-GM2 Gene Therapy for the Treatment of GM2 Gangliosidosis: Preliminary Results from a Phase 1/2 Trial	Florian	Eichler	Boston	MA
206	RGX-121 gene therapy for the treatment of severe mucopolysaccharidosis type II (MPS II): Interim analysis of data from a Phase 1/2 study	Dawn	Phillips	Rockville	MD
207	Meeting the care coordination needs of complex therapies for rare neuro-genetic disorders: the development of a complex drug program.	Kaitlin	Haug	Aurora	CO
208	Neurosarcoidosis in children: a systematic review and meta-analysis of cases, imaging and management	Morgan	Young	Chattanooga	TN
209	A Case Series of Pediatric Hemifacial Spasms	Hsini Cindy	Chu	Los Angeles	CA
210	COASY-related disorder: a new clinical phenotype and a potential biochemical clue for diagnosis	Jessica	Johnson	Rochester	NY
211	Genome Sequencing Enables Precision Clinical Care in Genetic Leukoencephalopathies	Kayla	Muirhead	Philadelphia	PA
212	A phase 1, ascending dose study to assess the potential effects of trofinetide on QTc interval, safety and tolerability, and pharmacokinetics in healthy adults	Mona	Darwish	San Diego	CA
213	High Quality Anatomical and Physiological MRIs in Young Children with Sickle Cell Disease	Eboni	Lance	Baltimore	MD
Stroke (including other Vascular Disorders)					
214	Model development for automatic segmentation of chronic stroke lesions	Khushboo	Verma	Austin	TX
215	Vascular Endothelial Dysfunction, Cognition and Stroke in Early Life Study (VECSELS)	Maria	Vu	Toronto	ON, Canada
216	Vertebral artery configuration as a risk factor for dissection in Children	Fiza	Laheji	Dallas	TX
217	Role of Ethno-cultural Backgrounds in Childhood Stroke Outcomes	Akshat	Pai	Toronto	ON, Canada
218	Validation of the TelePSOM to Assess Recovery and Function After Neonatal and Childhood Stroke	John	Gatti	Baltimore	MD
Translational/Experimental Therapeutics					
219	Germline and therapeutic suppression of Tubulin beta 4A rescues H-ABC leukodystrophy in mice	Julia	Hacker	Philadelphia	PA
220	Antisense oligonucleotide as possible therapeutic agent in DARS2-related leukodystrophy	Man	Amanat	Baltimore	MD
221	A Prospective, Longitudinal, Observational Clinical Trial in Individuals with Angelman syndrome to Enable Endpoint Development for Interventional Trials (FREESIAS)	Elizabeth	Berry-Kravis	Chicago	IL
222	Neurocognitive outcomes after elivaldogene autotemcel (eli-cel, Lenti-D) in the ALD-102 gene therapy study	Elizabeth	Pierpont	Minneapolis	MN
223	CANaspire, a First-in-Human Phase 1/2 Controlled Open-Label Study of BBP-812, a Recombinant AAV9-hASPA Vector for the Treatment of Canavan Disease	Florian	Eichler	Boston	MA
Trauma (Including Concussion)					
224	Oxygen reduces apoptosis in retinal cells following TBI in both adult and adolescent mice but only reverses visual deficits in adolescent mice.	Jordyn	Torrens	Cincinnati	OH
225	Adolescent traumatic optic neuropathy induced retinal cell loss is associated with both endoplasmic reticulum and oxidative stress.	Shelby	Hetzer	Cincinnati	OH
226	Emergency Department visits for mild traumatic brain injury in early childhood	Sean	Rose	Columbus	OH
227	Macromolecular Dexamethasone Prodrug Ameliorates Neuroinflammation and Prevents Bone Loss Associated with Traumatic Brain Injury	Xin	Wei	Omaha	NE
228	Early EEG to Predict Severity of Injury in Infants with Abusive Traumatic Brain Injury	Natasha	Varughese	Dallas	TX
229	Traumatic brain injury and chronic variable stress in adolescence	Macy	Urig	Cincinnati	OH