



CLAE 2021 Scientific Meeting Poster Listing

NO.	NEUROIMAGNIG
5	<p>Structural Connectivity Analysis in Operculo-Insular Epilepsy Sami Obaid¹, François Rheault², Manon Edde², Guido I. Guberman², Etienne St-Onge², Alain Bouthillier¹, Dang K. Nguyen¹, Maxime Descoteaux²</p> <p><i>¹University of Montreal Health Center ²Sherbrooke Connectivity Imaging Lab</i></p>
6	<p>Pattern Separation and Hippocampal Integrity in Temporal Lobe Epilepsy Dora Ladowski, Aathmika Nandan, David Gold, Mary Pat McAndrews</p> <p><i>Krembil Brain Institute</i></p>
7	<p>EEG and Magnetic Resonance Imaging Abnormalities in Patients with Psychogenic Non Epileptic Seizures Pouyan Tavakoli Yaraki¹, Joe Yu², Mashael Khateeba¹, Miguel Arevalo¹, Samuel Lapalme-Remis³, Seyed Mirsattari¹</p> <p><i>¹Schulich Faculty of Medicine & Dentistry ²London Health Science Centre ³Division of Neurology, Centre Hospitalier de l'Université de Montréal</i></p>
8	<p>Pre-Operative Epileptic Network Architecture Constrains Surgery-Induced Connectome Reorganization Sara Larivière, Bo-yong Park, Yifei Weng, Jessica Royer, Zhengge Wang, Dewi Schrader, Zhiqiang Zhang, Boris Bernhardt</p> <p><i>McGill University</i></p>
9	<p>Personalized Quantitative Analysis of Multimodal Imaging Data in Drug-Resistant Childhood Epilepsy Sara Larivière, Kristina Song, Danny Kim, Andrea Bernasconi, Neda Bernasconi, Mary Connolly, Dewi Schrader, Boris Bernhardt</p> <p><i>McGill University</i></p>
10	<p>Electrical Source Imaging of the Ictal Onset Zone in the Surgical Evaluation of Children with Epilepsy Arun Thurairajah¹, Alexander Freibauer¹, Rajesh RamachandranNair¹, Robyn Whitney¹, Puneet Jain², Elizabeth Donner², Elysa Widjaja³, Kevin Jones¹</p> <p><i>¹The Division of Neurology, Department of Pediatrics, McMaster Children's Hospital, Hamilton, ON, Canada ²Division of Neurology, Department of Pediatrics, The Hospital for Sick Children, Toronto, ON, Canada ³The Division of Neuroimaging, Department of Diagnostic Imaging, The Hospital for Sick Children Toronto ON, Canada</i></p>
NO.	CLINICAL EPILEPSY / EEG / ANTIEPILEPTICS



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11	<p>The Phenotypic Spectrum of KCNT1: A New Family with Variable Epilepsy Syndromes and Severity Juan Pablo Appendino, Christina Cherian, Setareh Ashtiani, Paolo Federico, Christine P. Molnar, Marina Kerr, Aneal Khan, Ping Yee Billie Au, Karl Martin Klein</p> <p><i>University of Calgary</i></p>
12	<p>Global Pooled Analysis of Perampanel in Epilepsy Patients Treated in Routine Clinical Practice: The PERMIT Study Vicente Villanueva¹, Wendyl D'Souza², Tony Wu³, Imad Najm⁴, Manoj Malhotra⁵, Leock Y Ngo⁶, Rob McMurray⁶, Eugen Trinkka⁷</p> <p>¹<i>Hospital Universitario y Politécnico La Fe, Valencia, Spain</i> ²<i>St Vincent's Hospital Melbourne and The University of Melbourne, Victoria, Australia</i> ³<i>Chang Gung Memorial Hospital Linkou Medical Center and Chang Gung University College of Medicine, Taoyuan, Taiwan</i> ⁴<i>Cleveland Clinic, Cleveland, Ohio, USA</i> ⁵<i>Eisai Inc, Woodcliff Lake, New Jersey, USA</i> ⁶<i>Eisai Europe Ltd, Hatfield, Hertfordshire, United Kingdom</i> ⁷<i>Christian-Doppler University Hospital and Paracelsus Medical University, Salzburg, Austria</i></p>
13	<p>Perampanel as Early Add-on Therapy for Epilepsy Patients with Focal-Onset and Generalised-Onset Seizures Treated in Clinical Practice Estevo Santamarina¹, Javier Abril-Jaramillo², Xiana Rodriguez-Osorio³, Takamichi Yamamoto⁴, Rob McMurray⁵, Eugen Trinkka⁶, Wendyl D'Souza⁷, Vicente Villanueva⁸</p> <p>¹<i>Vall d'Hebron University Hospital, Barcelona, Spain</i> ²<i>Centro de Neurología Avanzada, Sevilla, Spain</i> ³<i>Complejo Hospitalario Universitario de Santiago, Santiago, Spain</i> ⁴<i>Comprehensive Epilepsy Center, Seirei Hamamatsu General Hospital, Shizuoka, Japan</i> ⁵<i>Eisai Europe Ltd, Hatfield, Hertfordshire, UK</i> ⁶<i>Christian-Doppler University Hospital and Paracelsus Medical University, Centre for Cognitive Neuroscience, Salzburg, Austria</i> ⁷<i>St Vincent's Hospital Melbourne, The University of Melbourne, Victoria, Australia</i> ⁸<i>Hospital Universitario y Politécnico La Fe, Valencia, Spain</i></p>
14	<p>Seizure Freedom in Patients with Focal to Bilateral Tonic-Clonic Seizures (FBTCS) During the Open-Label, Single-Arm FAME Study: A Post Hoc Analysis of Low-Dose Maintenance Perampanel Sang Kun Lee¹, Manoj Malhotra², Dae-Won Seo³, Sang Ahm Lee⁴, Amitabh Dash⁵, Ji Woong Lee⁶</p> <p>¹<i>Seoul National University Hospital, Seoul, Republic of Korea</i> ²<i>Eisai Inc., Woodcliff Lake, NJ, USA</i> ³<i>Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea</i> ⁴<i>Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea</i> ⁵<i>Eisai Singapore Pte. Ltd., Singapore</i> ⁶<i>Eisai Korea Inc., Seoul, Republic of Korea</i></p>



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15	<p>Efficacy and Safety of Adjunctive Perampanel for Myoclonic and Absence Seizures: Post Hoc Pooled Analysis of Adult, Adolescent, and Pediatric Patients in Studies 332, 311, and 232 Christian Brandt¹, Manoj Malhotra³, J Ben Renfro², Leock Y Ngo³, Anna Patten⁴</p> <p>¹<i>Bethel Epilepsy Center, Bielefeld, Germany</i> ²<i>Child Neurology Center of Northwest Florida, Gulf Breeze, FL, USA</i> ³<i>Eisai Inc., Woodcliff Lake, NJ, USA</i> ⁴<i>Eisai Europe Ltd., Hatfield, Hertfordshire, UK</i></p>
16	<p>Long-Term Efficacy and Safety of Adjunctive Perampanel in Elderly Patients with Focal-Onset Seizures (FOS) by Concomitant Anti-Seizure Medication (ASM) Use Rohit Marawar¹, Manoj Malhotra⁵, Ilo E Leppik², Robert T Wechsler³, Anna Patten⁴, Leock Y Ngo⁵</p> <p>¹<i>Wayne State University, Detroit, MI, USA</i> ²<i>University of Minnesota, Minneapolis, MN, USA</i> ³<i>Idaho Comprehensive Epilepsy Center, Boise, ID, USA</i> ⁴<i>Eisai Europe Ltd., Hatfield, Hertfordshire, UK</i> ⁵<i>Eisai Inc., Woodcliff Lake, NJ, USA</i></p>
17	<p>Cognitive Performance and Retention After 12-Month Adjunctive Brivaracetam in Difficult-To-Treat Patients with Epilepsy in a Real-Life Setting Bernhard J. Steinhoff¹, Jakob Christensen², Colin P. Doherty³, Marian Majoie⁴, Anne-Liv Schulz⁵, Fiona Brock⁶, Iryna Leunikava⁵, John P. Leach⁷</p> <p>¹<i>Kork Epilepsy Centre, Kehl-Kork, Germany; Clinic of Neurology and Neurophysiology, University of Freiburg, Freiburg, Germany</i> ²<i>Aarhus University Hospital, Aarhus, Denmark</i> ³<i>Trinity College Dublin, Dublin, Ireland; FutureNeuro, SFI Research Centre, RCSI, Dublin, Ireland</i> ⁴<i>Academic Center of Epileptology Kempenhaeghe Maastricht University Medical Center, Heeze, The Netherlands</i> ⁵<i>UCB Pharma, Monheim am Rhein, Germany</i> ⁶<i>UCB Pharma, Slough, UK</i> ⁷<i>School of Medicine, University of Glasgow, United Kingdom</i></p>
18	<p>The Treatment of Epilepsy in Older Adults: A National Survey Nafisa Husein¹, Mark Keezer¹, Timothé Langlois Terrien¹, Nathalie Jetté², Colin Josephson³</p> <p>¹<i>Université de Montréal</i> ²<i>Icahn School of Medicine</i> ³<i>University of Calgary</i></p>
19	<p>Investigating Physiological and Interictal Epileptiform Discharges Using Intracranial Recordings in Human Nasim Mortazavi¹, Milad Khaki, Greydon Gilmore, Jorge Burneo², David Steven², Lyle Muller³, Julio Martinez-Trujillo¹, Ana Suller Marti²</p> <p>¹<i>Robarts, Schulich, University Of Western Ontario</i></p>



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	<p>²Lawson Health Research ³Brain And Mind</p>
20	<p>Identifying Priorities for Epilepsy Research in Canada Rebecca Woelfle¹, Amaya Singh¹, Rachel Chepesiuk², Carla Southward², Jordan Antflick², Katherine Cowan³, Kathryn Hum⁴, Ana Suller-Marti⁵</p> <p>¹EpLink - The Epilepsy Research Program of the Ontario Brain Institute ²Ontario Brain Institute ³James Lind Alliance ⁴The Centre for Addiction and Mental Health ⁵ Western University, Departments of Clinical Neurological Sciences and Paediatrics</p>
21	WITHDRAWN
22	<p>Development and Implementation of a Mnemonic Testing Tool to Improve Periictal Assessments of Patients in the Epilepsy Monitoring Unit (EMU) Grissel Crasto</p> <p>University Health Network</p>
23	<p>A Case Study of Lacosamide Monotherapy Overdose in a Paediatric Patient. Ahmed Elmardenly, Randa Sultan, Manal Bajammal, Hebah Qashqari, Osama Muthaffer</p> <p>King Faisal Specialist Hospital & Research Center</p>
24	<p>'Optimal' EEG Montage (24 Channels) to Perform Accurate and Simple Source Localization in Daily Clinical Setting. Giovanni Pellegrino, Eliane Kobayashi</p> <p>Montreal Neurological Institute and Hospital</p>
25	<p>Marijuana Use Habits in the Epilepsy Population in Canada Post-Legalization Caroline Esmonde-White¹, Jayme Arts², Ana Suller-Marti³</p> <p>¹Schulich School of Medicine & Dentistry ²London Health Sciences Centre ³Western University, Departments of Clinical Neurological Sciences and Paediatrics</p>
26	<p>Toward an Explicit Neuroethics Approach to Epilepsy Monitoring Unit Triage Jason Randhawa, Chantelle Hrazdil, Patrick McDonald, Judy Illes</p> <p>University of British Columbia</p>
27	<p>Epilepsy and Pregnancy: An Audit of Specialized Care Jimmy Li¹, Dènahin Hinnoutondji Toffa², Dang Khoa Nguyen²</p> <p>¹Centre de Recherche du Centre Hospitalier de l'Université de Montréal ²Centre Hospitalier de l'Université de Montréal</p>
28	<p>Classification of Ictal and Inter-Ictal States Using Breathing and Heart Rates Obtained with the Hexoskin Wearable Device</p>



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	<p>Yassine Lamrani¹, Jérôme St-Jean¹, Manon Robert¹, Dehanin Toffa¹, Yen Phuoc Tran¹, Dang Khoa Nguyen², Elie Bou Assi²</p> <p>¹University of Montreal Hospital Research Center (CRCHUM) ²University of Montreal Hospital Research Center (CRCHUM), Department of Neuroscience, University of Montreal</p>
29	<p>An Evaluation of Gait, Parkinsonian Features, and Adaptive Behaviours in Adults with Dravet Syndrome</p> <p>Arunan Selvarajah, Carolina Gorodetsky, Paula Marques, Quratulain Zulfiqar Ali, Alfonso Fasano, Danielle Andrade</p> <p>University Health Network</p>
30	<p>Epilepsy and Sleep: A Preliminary Study on the Use of a Smart Shirt for Sleep Assessment in Patients with Epilepsy</p> <p>Laurence Beauregard¹, Manon Robert¹, Denahin Toffa¹, Dang Khoa Nguyen², Elie Bou Assi²</p> <p>¹University of Montreal Hospital Research Center (CRCHUM) ²University of Montreal Hospital Research Center (CRCHUM), Department of Neuroscience, University of Montreal</p>
31	<p>Spectral Shifts Across Distributed Networks in Cortex Predict Seizure Onset</p> <p>Maryam Hasanzadeh Mofrad, Greydon Gilmore, Ali Khan, David A. Steven, Jorge G. Burneo, Julio Martinez-Trujillo, Lyle Muller, Ana Suller Marti</p> <p>Western University</p>
32	<p>Exploring the Source Cloud: the Spatial Extent of Sleep-Wake Epileptic Source Localizations over a Thousand Thresholds</p> <p>Darion Toutant¹, Graham McLeod², Parandoush Abbasian¹, Amirhossein Ghassemi¹, Maziar Darbandi¹, Marcus Ng¹</p> <p>¹University of Manitoba ²University of Calgary</p>
33	<p>Discrimination of Normal Brain Tissue From Dysplastic Tissue in Focal Cortical Dysplasia Using Raman Spectroscopy</p> <p>Trang Tran¹, Frederick Dallaire², Romain Cayrol³, Steffen Albrecht⁴, Roy Dudley⁵</p> <p>¹Université de Montréal and Centre Hospitalier de l'Université de Montréal ²Polytechnique ³Centre Hospitalier de l'Université de Montréal ⁴McGill University Health Center ⁵Division of Neurosurgery, McGill University Health Center</p>
34	<p>Stiripentol Naïve Adults with Dravet Syndrome: Watch for Ammonia and Carnitine</p> <p>Quratulain Zulfiqar Ali, Paula Marques, Arunan Selvarajah, Tara Sadoway, Sepideh Tabarestani, Danielle Andrade</p>



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	<i>Toronto Western Hospital</i>
35	WITHDRAWN
36	WITHDRAWN
37	<p>Interictal Entropy of Alpha Band as a Predictor of Seizure Recurrence in Ambulatory EEG Jean-Daniel Tessier¹, Emile Lemoine², Geneviève Pelletier-McDuff³, Manon Robert³, Denahin Toffa³, Dang Khoa Nguyen⁴, Elie Bou-Assi⁴</p> <p>¹<i>Centre de Recherche du CHUM (CRCHUM)</i> ²<i>CRCHUM & Polytechnique Montreal (Institute of Biomedical Engineering)</i> ³<i>CRCHUM</i> ⁴<i>CRCHUM & University of Montreal (Department of Neuroscience)</i></p>
NO.	PEDIATRIC EPILEPSY
38	<p>Comparison of School Performance in Children with New-Onset Seizures to Children with Psychiatric Disorders Anita Datta, Peter Wong</p> <p><i>University of British Columbia</i></p>
39	<p>Impact Of COVID-19 in Pediatric Patients with Self-Limited and Genetic-Generalized Epilepsy via Telemedicine Evaluation Stephanie Kwok, Anita Datta</p> <p><i>University of British Columbia</i></p>
40	<p>Telehealth for Children with Epilepsy is Effective and Reduces Anxiety Independent of Healthcare Setting Kerstin Klotz¹, Felipe Borlot², Morris Scantlebury³, Eric Payne³, Juan P Appendino³, Jan Schönberger¹, Julia Jacobs³</p> <p>¹<i>Department of Neuropediatrics and Muscle Disorders, Medical Center-University of Freiburg, Faculty of Medicine, University of Freiburg, Freiburg, Germany</i> ²<i>Alberta Children's Hospital Research Institute, Cumming School of Medicine, University of Calgary, AB, Canada</i> ³<i>University of Calgary</i></p>
41	<p>Proposed Pathway for the Utilization of Pediatric Ambulatory EEG Felipe Borlot¹, Silvia Kozlik², Leanne Alfaro², Alice Ho³, Juan P Appendino³, Eric Payne³, Morris Scantlebury³, Julia Jacobs³</p> <p>¹<i>Alberta Children's Hospital Research Institute, Cumming School of Medicine, University of Calgary</i> ²<i>Alberta Children's Hospital, University of Calgary</i> ³<i>University of Calgary</i></p>
42	<p>SCN2A-Related Epilepsy of Infancy with Migrating Focal Seizures: Report of a Variant with an Apparent Loss of Function Effect</p>



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	<p>Juan Pablo Appendino¹, Xiao-Ru Yang¹, Vamsi Krishna Ginjupalli², Olivier Theriault², Hugo Poulin², Mohamed Chahine², Ping Yee Billie Au¹</p> <p>¹Alberta Children's Hospital, University of Calgary ²CERVO Brain Research Center, Université Laval</p>
43	<p>Treatment of Children with Infantile Spasms: Systematic Review and Network Meta-Analyses Puneet Jain¹, Ravindra Arya², Jitendra Sahu³, Vann Chau¹</p> <p>¹The Hospital for Sick Children ²Cincinnati Children's Hospital Medical Center ³Postgraduate Institute of Medical Education & Research (PGIMER)</p>
44	<p>Sex Differences in Mental Health Impact on Transition Variables in Adolescents with Epilepsy Sarah Healy¹, Sharon Whiting²</p> <p>¹CHEO ²CHEO and The University of Ottawa</p>
45	<p>Investigating Risk Factors for SUDEP in Dravet Syndrome Amir Aschner¹, Anne Keller¹, Ingrid Scheffer², Jay Jeschke³, Chloe Verducci³, Orrin Devinsky³, Daniel Friedman³, Elizabeth Donner¹</p> <p>¹The Hospital for Sick Children ²University of Melbourne, Austin Health and Royal Children's Hospital ³New York University Langone Comprehensive Epilepsy Center</p>
46	<p>Long-Term Tolerability and Retention of Adjunctive Brivaracetam in Children with Primary Generalized or Mixed Seizure Types: Interim Subgroup Analysis of Pooled Data from Two Open-Label Trials Anup D. Patel¹, Teresa Gasalla², Xavier Nondonfaz³, Sami Elmoufti², Jan-Peer Elshoff⁴</p> <p>¹Nationwide Children's Hospital and The Ohio State University College of Medicine, Columbus, OH, USA ²UCB Pharma, Raleigh, NC, USA ³UCB Pharma, Brussels, Belgium ⁴UCB Pharma, Monheim am Rhein, Germany</p>
47	<p>The Comorbidity of Headaches in Pediatric Epilepsy Patients: How Common and what Types? Hanin AlGethami², Muhammad Talal Alrifai², Ahmed Al-Rumayyan², Waleed Al-Tuwaijri², Duaa Ba-armah²</p> <p>¹King Salman Hospital, Riyadh, Kingdom of Saudi Arabia ²King Abdullah Children Specialist Hospital, King Abdulaziz Medical City, Riyadh, Kingdom of Saudi Arabia</p>
48	<p>Treatment with High Dose Oral Prednisolone (8 Mg/Kg/Day) in Children with Infantile Spasms who Failed Vigabatrin: A Retrospective Study Wafaa Ali Ahmed Al Shehhi¹, Puneet Jain², Van Chau², Carter Snead², Elizabeth Donner², Cristina Go², Jennifer Boyd², Rohit Sharma²</p>



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	<p>¹The Royal Hospital ²The Hospital for Sick Children</p>
49	<p>Ketogenic Diet or Vagal Nerve Stimulation in Children with Tuberous Sclerosis Complex (TSC) with Drug-Refractory Epilepsy Ahmed Abushama</p> <p><i>The Hospital for Sick Children</i></p>
50	<p>Adrenal Insufficiency Among Children Treated with Hormonal Therapy for Infantile Spasms Gabrielle Doré-Brabant¹, Geneviève Laflamme², Maude Millette¹, Bradley Osterman², Nicolas Chrestian¹</p> <p>¹Centre Hospitalier de l'Université Laval ²Children's Hospital & CHU Ste-Justine</p>
51	<p>An Assessment of Next-Generation Panel Testing in Epilepsy Heather Leduc-Pessah, Taila Hartley, Daniela Pohl, David Dyment</p> <p><i>Children's Hospital of Eastern Ontario</i></p>
52	<p>Do Patients with Epilepsy Develop Complex Febrile Convulsions at the Onset of their Syndrome? Kerensa Newark, Christopher Woolley</p> <p><i>Aneurin Bevan University Health Board</i></p>
53	<p>The Spectrum of Epilepsy in Children with 15q13.3 Microdeletion Arjun Nair, Elizabeth McCready, Anne Keller, Brandon F. Meaney, Kevin Jones, Rajesh RamachandranNair, Robyn Whitney</p> <p><i>McMaster University</i></p>
54	<p>Febrile Seizure Incidence and Age at First Occurrence are Associated with Changes in Placental Normalized Gene Expression: The '3D' Pregnancy Cohort Study Delphine Aubin¹, Fanny Thébault-Dagher¹, Morgane Robles², Catherine M. Herba³, Jean R. Séguin¹, William D. Fraser⁴, Cathy Vaillancourt², Sarah Lippé¹</p> <p>¹Université de Montréal ²Institut national de la recherche scientifique (INRS) ³Université du Québec à Montréal ⁴Centre hospitalier universitaire de Sherbrooke</p>
55	<p>Long-Term Efficacy of the Ketogenic Diet (KD) in Pediatric Epilepsy: A Single Center Study Hassan Kiani, Rajesh RamachandranNair</p> <p><i>McMaster University</i></p>
56	<p>Dissemination of Education Resources to Optimize School Success for Children with Epilepsy Tamara Tavares¹, Elizabeth Kerr¹, Mary Secco², Karen Bax³, Mary Lou Smith¹</p> <p>¹The Hospital for Sick Children</p>



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	<p>²Epilepsy Southwestern Ontario ³Western University</p>
57	<p>Emotion Recognition and Empathic Responding in Adolescents with Epilepsy: A Canada-Wide Investigation Tamara Tavares¹, Lindsay Oliver², Mary Lou Smith¹</p> <p>¹The Hospital for Sick Children ²Centre for Addiction and Mental Health</p>
NO.	STATUS EPILEPTICS / CRITICAL CARE
58	WITHDRAWN
59	<p>Refractory Status Epilepticus did not solely lead to Cerebrospinal Fluid Pleocytosis within first 24 hours of onset. Sargun Bajaj, Donald Griesdale, Yahya Agha-Khani, Farzad Moien Afshari</p> <p><i>University of British Columbia</i></p>
60	<p>Effectiveness of the Ketogenic Diet for Super Refractory Status Epilepticus: A Canadian Experience. Vanessa Giuliano¹, Lysa Boissé Lomax², Garima Shukla², Gavin Winston²</p> <p>¹Queen's University ²Queen's University/ Kingston General Hospital</p>
NO.	BASIC SCIENCE / ENGINEERING
61	<p>Early Seizure-Induced Dysfunction of Hippocampal Fast-Spiking Interneuron is Rescued By Activation of Trkb Receptors Ting Ting Wang</p> <p><i>Carleton University</i></p>
62	<p>Resilience Through Diversity: Loss of Neuronal Heterogeneity in Epileptogenic Human Tissue Renders Neural Networks More Susceptible to Sudden Changes in Synchrony Taufik Valiante¹, Scott Rich², Homeira Moradi Chameh², Jeremie Lefebvre³</p> <p>¹University Health Network ²Kembil Brain Insitute ³University of Ottawa</p>
63	<p>Dual Effect of Mitochondrial Uncoupler 2,4-Dinitrophenol on Brain Oxygen Levels and Postictal Hypoxia Bianca R. Villa¹, Antis G. George¹, Renaud C. Gom¹, Dhyey Bhatt¹, Timothy E. Shutt¹, Patrick G. Sullivan², Jong M. Rho³, G. Campbell Teskey¹</p> <p>¹University of Calgary ²University of Kentucky ³University of California San Diego</p>



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64	The Influence of Sex on Gene X Environment Interactions in Epileptogenesis in a Mouse Model of Dravet Syndrome Cristie Noschang, Arthur Omorogiuwa, Natasha Klenin, Deborah Kurrasch <i>University of Calgary</i>
65	Amygdala Kindling Alters Pain Sensitivity and Pain-Related Emotional Behaviours in Rats Kerri Mozessohn, Neil M. Fournier, Evana Xiao, Kaylea MacDonald <i>Trent University</i>
66	Investigating the Role of Rac1 in Mediating Accelerated Long-Term Forgetting in an Animal Model of Epilepsy Emily E. Gordon, Neil M. Fournier, Morgan Bujokas, Lianne Bradnt, Linda E. El-Ayday, Hugo Lehmann <i>Trent University</i>
67	Pre-Trained Wavelet Transformer for Seizure Detection Using Scalp EEG Yi Cheng Zhu ¹ , Qi Xu ² ¹ <i>University of Toronto</i> ² <i>University of Manitoba</i>
68	Prevention Of Trauma-Induced Epileptogenesis Using Transcranial Direct Current Stimulation Rachel Barr <i>Universite Laval</i>
69	The Influence of Seizure-Induced Stress on Fear and Anxiety Behavior Renaud Gom <i>University of Calgary</i>
70	A Novel Mouse Model of FASN-Associated Neurodevelopmental Disorders Samuel Boris Tene Tadoum ¹ , Alexandros Hadjinicolaou ² , Smrithi Raghuram ¹ , Praveen Kumar Raju ¹ , Mathieu Lachance ¹ , Philippe Campeau ³ , Elsa Rossignol ⁴ ¹ <i>Neuroscience Department, Université de Montréal / CHU Ste Justine Research Center</i> ² <i>CHU Ste Justine Research Center</i> ³ <i>Pediatric Department, Université de Montréal / CHU Ste Justine Research Center</i> ⁴ <i>Neuroscience Department, Université de Montréal / Pediatric Departement, Université de Montréal / CHU Ste Justine Research Center</i>
71	WITHDRAWN
72	Electrophysiological Studies of Medical Cannabis in Epileptic Mouse Cerebral Cortex Yasaman Javadzadeh ¹ , Shanthini Mylvaganam ² , Peter Carlen ¹ ¹ <i>University of Toronto</i> ² <i>University Health Network</i>



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NO.	EPILEPSY SURGERY
73	<p>Efficacy of VNS for Drug-Resistant Epilepsy in Structural Brain Lesions. Hanin AlGethami¹, Ashwaq Alshahrani², Mubarak Aldosari², Majed Alhameed²</p> <p><i>¹King Salman Hospital, Riyadh, Kingdom of Saudi Arabia</i> <i>²Epilepsy Monitoring Unit, Neuro-Science Center, King Fahad Medical City, Riyadh, Saudi Arabia</i></p>
74	<p>Comparison of the Real-World Effectiveness of Vertical Versus Lateral Functional Hemispherotomy Techniques for Pediatric Drug-Resistant Epilepsy Alexander Weil¹, Aria Fallah², George Ibrahim³, Olivia Kola², Jia-Shu Chen⁴, Tristan Brunette-Clément¹, HOPS Research Group</p> <p><i>¹Centre Hospitalier Universitaire Sainte-Justine, Montreal</i> <i>²David Geffen School of Medicine at University of California Los Angeles</i> <i>³The Hospital for Sick Children</i> <i>⁴Warren Alpert Medical School of Brown University, Providence, Rhode Island, USA</i></p>
75	<p>Stereoencephalography Versus Subdural Electrode Implantations for Drug Resistant Epilepsy: Comparisons of Surgical and Non-Surgical Candidates After Invasive Investigations. Paule Lessard Bonaventure, Alan Chalil, Jorge G. Burneo, David A. Steven</p> <p><i>London Health Science Center</i></p>
76	<p>Barriers to Pediatric Epilepsy Surgery: A Scoping Review Rami Hatoum¹, Nabil Nathoo-Khedri¹, Nathan A. Shlobin², Andrew Wang³, Alexander G. Weil⁴, Aria Fallah³</p> <p><i>¹University of Montréal School of Medicine</i> <i>²Department of Neurological Surgery, Northwestern University Feinberg School of Medicine, Chicago</i> <i>³Department of Neurosurgery, David Geffen School of Medicine at UCLA</i> <i>⁴Division of Neurosurgery, Ste. Justine Hospital, University of Montréal</i></p>
77	<p>The Effect of Vagus Nerve Stimulation on the Quality of Sleep in Medically Refractory Epileptic Patients Jayant Seth, Ana Suller-Marti</p> <p><i>London Health Sciences Center</i></p>
78	<p>Machine Learning for Prediction of Seizure Outcome After Pediatric Epilepsy Surgery Omar Yossofzai¹, Aria Fallah², Cassia Maniquis², Alexander Weil³, Tristan Brunette-Clement³, Andrea Andrade⁴, George Ibrahim⁵, Nicholas Mitsakakis¹, Elysa Widjaja⁵</p> <p><i>¹University of Toronto</i> <i>²University of California Los Angeles</i> <i>³Centre Hospitalier Universitaire Sainte-Justine, Montreal</i> <i>⁴University of Western Ontario</i> <i>⁵The Hospital for Sick Children, University of Toronto</i></p>