



**CLAE-LCCE**  
Canadian League Against Epilepsy  
Ligue Canadienne Contre L'Épilepsie

# CANADIAN LEAGUE AGAINST EPILEPSY ANNUAL SCIENTIFIC MEETING PROGRAM

SEPTEMBER 23-25, 2022

DELTA HOTELS BY MARRIOTT GRAND OKANAGAN RESORT  
KELOWNA, BRITISH COLUMBIA

# LIGUE CANADIENNE CONTRA L'ÉPILPSIE RÉUNION SCIENTIFIQUE ANNUELLE PROGRAMME

23-25 SEPTEMBRE 2022

HÔTELS DELTA PAR MARRIOTT GRAND OKANAGAN RESORT  
KELOWNA, COLOMBIE-BRITANIQUE



@CLAE\_LCCE  
#CLAE2022



## WELCOME FROM THE PRESIDENT

Dear Friends and Colleagues,

It is my absolute pleasure, on behalf of the Canadian League Against Epilepsy (CLAE), to welcome you to this year's Annual Scientific Meeting in beautiful Kelowna, British Columbia.

We have a very exciting program for this year's meeting – there are sessions for everyone! Topics this year include: The Past and Future of Intracranial EEG Investigations, Can a Canadian Consortium Help?, New Models and the Quest for Novel Therapies for Epileptic Encephalopathies, Neuromodulation in Epilepsy, and many more interesting topics. This year's program would not have been possible without the dedication of the Education Committee and Dr. Esther Bui, our Director of Education – I would like to take this opportunity to thank them for helping us develop a program that is all-encompassing and highly dynamic.

A Fun Run/Walk will take place on Sunday, September 25, at 6:00 a.m., so grab your runners and join the fun! This great event aims to fundraise for epilepsy research, educational activities, and much more. There is still time to register and make your donations – to do so, check out the CLAE website, [www.claegroup.org](http://www.claegroup.org).

All CLAE members are invited to attend the Annual General Meeting on Friday, September 23, at 5:00 p.m., where new members of the CLAE Board will be announced.

Shortly after the Annual General Meeting, I will give the Welcome and Presidential Lecture. The evening of September 23rd will conclude with the Wada Keynote Lecture by Dr. Sam Wiebe on the topic of Epilepsy is a Global Health Priority - Where Does Canada Fit In?

This year's conference provides us the exciting opportunity to expand our network, enabling us to continue collaboration and strive to improve the lives of those living with epilepsy in Canada and beyond. Welcome and enjoy your time in Kelowna!

Sincerely,

Paolo Federico  
President  
Canadian League Against Epilepsy



## MOT DE BIENVENUE DU PRESIDENT

Chers amis et collègues,

C'est pour moi un réel plaisir, au nom de la Ligue Canadienne Contre L'Épilepsie (LCCE), de vous accueillir à cette édition de notre réunion scientifique annuelle qui se déroule dans la belle ville de Kelowna.

Nous avons un programme très excitant pour la réunion de cette année - il y a des sessions pour tout le monde ! Les sujets abordés cette année comprennent : le passé et l'avenir des évaluations EEG intracrâniennes, un consortium canadien peut-il aider?, de nouveaux modèles et la recherche de nouvelles thérapies pour les encéphalopathies épileptiques, la neuromodulation dans l'épilepsie et bien d'autres sujets intéressants. Le programme de cette année n'aurait pas été possible sans le dévouement du comité d'éducation et du Dr Esther Bui, notre directrice de l'éducation - je voudrais profiter de cette occasion pour les remercier de nous avoir aidés à développer un programme qui est global, varié et très dynamique.

Une course/marche amusante aura lieu le dimanche 25 septembre à 6h00am, alors attrapez vos souliers de course et joignez-vous au plaisir ! Ce grand événement vise à recueillir des fonds pour la recherche sur l'épilepsie, pour les activités éducatives et bien plus encore. Il est encore temps de vous inscrire et de faire des dons - pour ce faire, consultez le site Web de la LCCE, [www.claegroup.org](http://www.claegroup.org).

Tous les membres de la LCCE sont invités à assister à l'assemblée générale annuelle le vendredi 23 septembre à 17 h, où les nouveaux membres du conseil d'administration de la LCCE seront annoncés.

Peu de temps après l'assemblée générale annuelle (AGA), je donnerai la conférence de bienvenue présidentielle. La soirée du 23 septembre se terminera par la conférence liminaire Wada donnée par le Dr Sam Wiebe sur le thème de l'épilepsie comme priorité mondiale en santé - Quel est le rôle du Canada?

La conférence de cette année nous offre une belle occasion d'élargir notre réseau, nous permettant de poursuivre nos collaborations et de nous efforcer d'améliorer la vie des personnes vivant avec l'épilepsie au Canada et ailleurs. Bienvenue et profitez de votre séjour à Kelowna !

Sincèrement,

Paolo Federico  
Président



## WELCOME FROM THE DIRECTOR OF EDUCATION

Dear CLAE members and colleagues,

A warm welcome to the 2022 Canadian League Against Epilepsy Meeting, our first in-person conference since the start of the pandemic!

It is with great excitement that we launch this year's conference. This conference is dedicated to showcasing the wealth of knowledge and innovation of our community. I am sure you will be inspired by our junior investigators as well as our internationally renowned guest speakers, especially our keynote speaker, Dr. Sam Wiebe.

The Education Committee has been incredibly busy in designing this very special program. I thank them for their hard work and commitment.

The work in epilepsy education at the CLAE this year has embodied hard work, innovation and talent; and has included (1) CLAE Conference Committee, (2) the new Canadian Epilepsy Teaching Network, (3) the National Consensus for Epilepsy Postgraduate Education (4) the new e-Journal Club for Epilepsy Fellows (5) Mentorship Program.

I want to thank every single member of our Education Committee for their contribution. This conference, and the CLAE's education work would not be possible without you. I invite you all to soak up the exciting new developments, re-connect, and be inspired.

Sincerely,

Esther Bui  
Director of Education, CLAE



### **CLAE Education Committee Members**

Esther Bui (Chair)  
Krista Doyle  
David Dufresne  
Neil Fournier  
Steve Gibbs  
Fady Girgis  
Walter Hader  
Linda Huh  
Elizabeth Kerr  
Aylin Reid  
Morris Scantlebury  
Alexander Weil

### **Canadian Epilepsy Teaching Network (CETN)**

Virtual Clinical Epilepsy and EEG Learning  
Rajesh Ramachandrannair (Chair)  
JP Appendino (CME credits)  
Tad Fantaneanu (Evaluations)  
Eliane Kobayashi (EEG co-lead))  
Kevin Jones (EEG module co-lead)  
Aylin Reid (Former Education director)  
Esther Bui (Education director)

### **National Consensus for Epilepsy Postgraduate Education Committee**

Esther Bui (Chair)  
Kristin Ikeda (Co-Chair)  
Anita Datta (Co-Chair)

### **e-Journal Club for Epilepsy Fellows**

Esther Bui (Chair)  
Paula Marquez (Co-Chair)

### **Mentorship Program**

Aylin Reid  
Klajdi Puka



## MOT DE BIENVENUE DE LA DIRECTRICE DE L'ÉDUCATION

Chers membres et collègues de la LCCE,

Bienvenue au congrès scientifique annuel 2022 de la Ligue Canadienne Contre L'Épilepsie, notre première conférence en personne depuis le début de la pandémie!

C'est avec beaucoup d'enthousiasme que nous lançons la conférence de cette année. Cette conférence est dédiée à mettre en valeur la richesse des connaissances et de l'innovation de notre communauté. Je suis certaine que vous serez inspirés par nos chercheurs juniors ainsi que nos conférenciers invités de renommée internationale, en particulier notre conférencier d'honneur, le Dr Sam Wiebe.

Les membres du comité d'éducation ont travaillé très fort pour concevoir ce programme exceptionnel. Je les remercie pour leur travail acharné et leur engagement.

Les accomplissements en matière d'éducation sur l'épilepsie réalisés par la LCCE cette année sont le produit de travail acharné et de talent, et font preuve d'innovation. Ils incluent (1) le comité de la conférence annuelle de la LCCE, (2) le nouveau réseau canadien d'enseignement de l'épilepsie, (3) le consensus national pour l'éducation postdoctorale sur l'épilepsie, (4) le nouveau club de lecture virtuel pour les moniteurs cliniques (fellows) en épilepsie et (5) le programme de mentorat.

Je tiens à remercier chaque membre de notre comité d'éducation pour leur contribution. Cette conférence et le travail d'éducation de la LCCE ne seraient pas possibles sans vous. Je vous invite tous à vous imprégner des nouveaux développements excitants, à reconnecter et à être inspirés.

Sincèrement,

Esther Bui  
Directeur de l'éducation, CLAE





### **Membres du comité d'éducation LCCE**

Esther Bui (présidente)  
 Krista Doyle  
 David Dufresne  
 Neil Fournier  
 Steve Gibbs  
 Fady Girgis  
 Walter Hader  
 Linda Huh  
 Elisabeth Kerr  
 Aylin Reid  
 Morris Scantlebury  
 Alexander Weil

### **Réseau canadien d'enseignement sur l'épilepsie (RECE)[FL1]**

Apprentissage virtuel sur l'épilepsie clinique et l'EEG.  
 Rajesh Ramachandrannair (président)  
 JP Appendino (crédits CME)  
 Tad Fantaneanu (Évaluations)  
 Eliane Kobayashi (co-responsable EEG))  
 Kevin Jones (co-responsable du module EEG)  
 Aylin Reid (ancienne directrice de l'éducation)  
 Esther Bui (Directrice pédagogique)

### **Comité pour un consensus national de formation postdoctorale sur l'épilepsie.**

Esther Bui (présidente)  
 Kristin Ikeda (co-présidente)  
 Anita Datta (co-présidente)

### **Club de lecture virtuel pour les moniteurs cliniques (fellows) en épilepsie.**

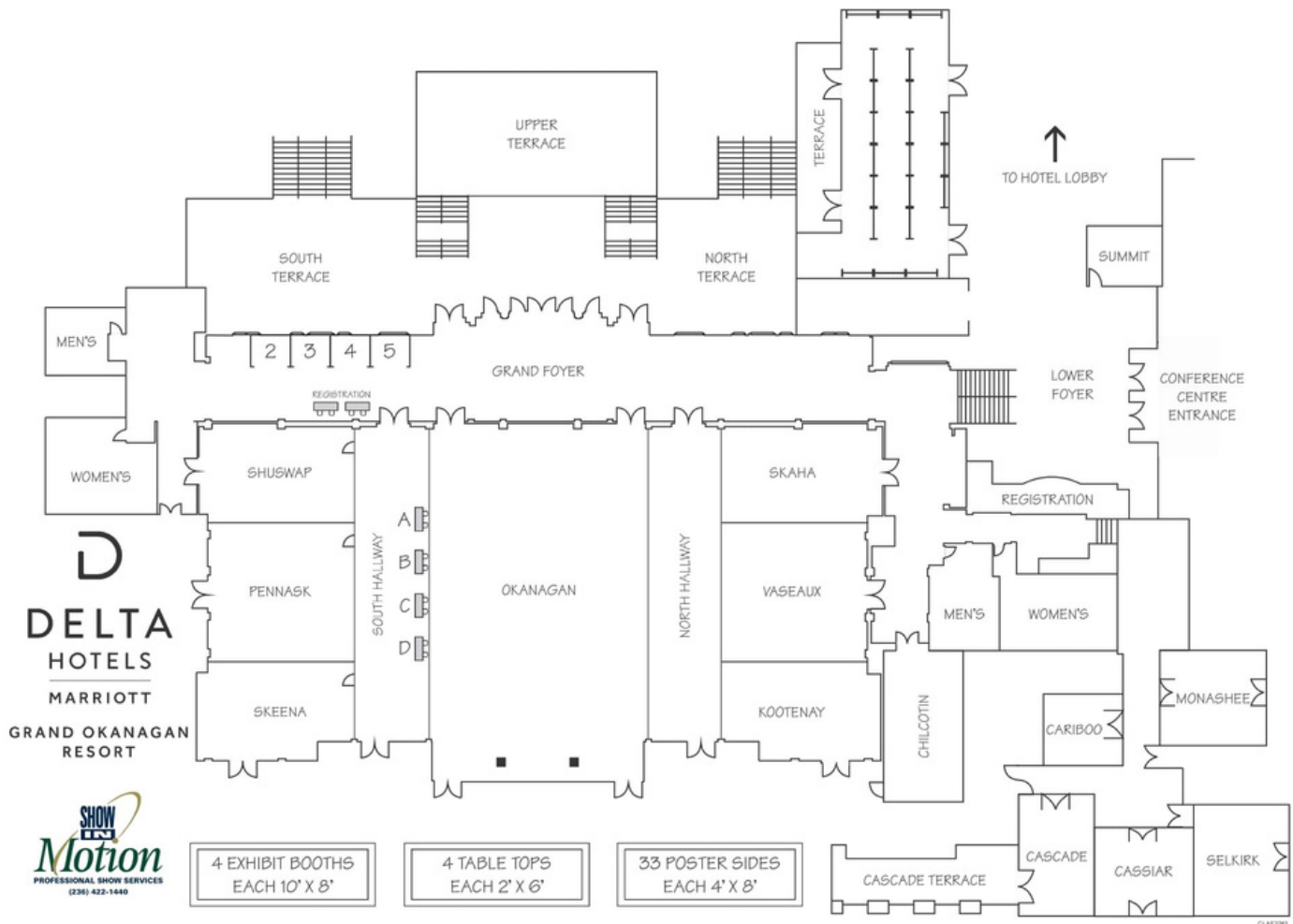
Esther Bui (présidente)  
 Paula Marquez (co-présidente)

### **Programme de mentorat**

Aylin Reid  
 Klajdi Puka



## HOTEL FLOOR PLAN / PLAN DES LIEUX



The AGM and plenary sessions will take place in the Shuswap/Pennask/Skeena rooms. Breakout sessions will be held in the Shuswap/Pennask/Skeena rooms and Columbia room and the poster session will be held in the Mt. Boucherie room. Please ensure you take the time to visit the exhibit booths in the South Hall + Shuswap Foyer. The Columbia room is located to the right of the hotel lobby on the 2nd floor.

L'AGA et les séances plénières auront lieu dans les salles Shuswap/Pennask/Skeena. Les séances en petits groupes auront lieu dans les salles Shuswap/Pennask/Skeena et la salle Columbia et la séance d'affiches aura lieu dans la salle Mt. Boucherie. Assurez-vous de prendre le temps de visiter les kiosques d'exposition dans le hall sud + foyer Shuswap.





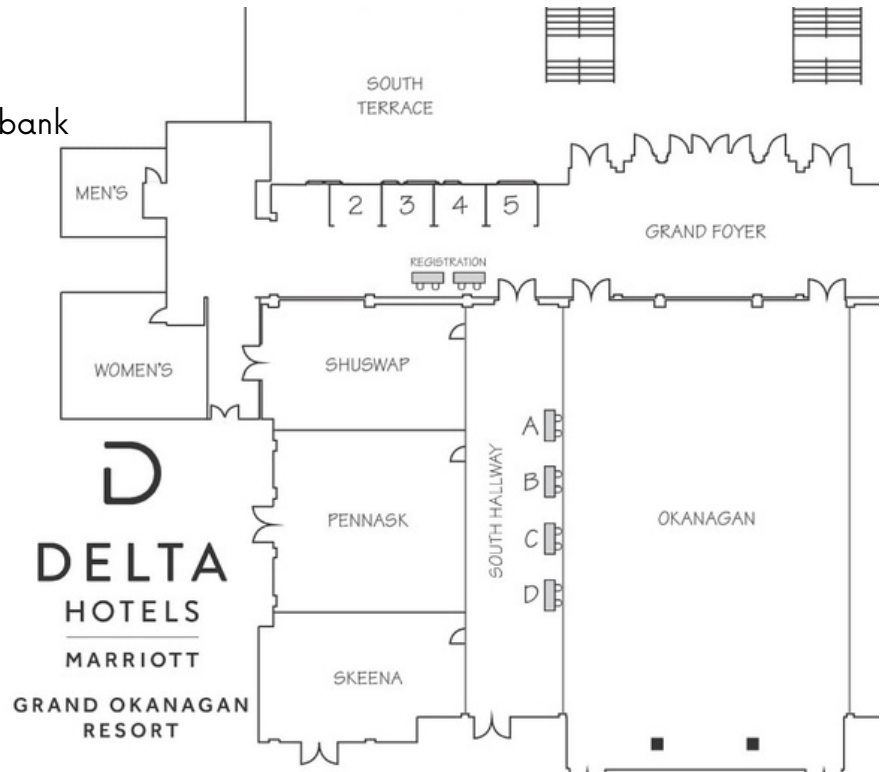
## EXHIBIT HALL / SALLE D'EXPOSITION

### Sponsors:

- 2 – MD Financial Management and Scotiabank Healthcare+
- 3 – Epilepsy Canada
- 4 – Eisai Canada
- 5 – LivaNova

### Exhibitors:

- A – Surgi-One Medical Technologies Inc.
- B – PendoPharm
- C – NeuroSource Medical
- D – UCB



## EXHIBITS / EXPOSANTS

Meeting participants will have an ideal opportunity to learn about the latest in pharmaceutical, publications, scientific equipment, and technology, relevant to the field of epilepsy and neurophysiology. The commercial exhibits will take place on Friday, September 23 from 4:00 p.m. to 6:00 p.m., Saturday, September 24 from 7:00 a.m. to 4:45 p.m., and Sunday, September 25 from 7:00 a.m. to 10:45 a.m.

We invite all delegates to participate in the exhibit hall passport contest! By visiting all the exhibitors, delegates are eligible to win a prize. Please see the registration desk onsite for more information!

Les participants à la réunion auront l'occasion idéale de se renseigner sur les derniers développements en matière de produits pharmaceutiques, de publications, d'équipement scientifique et de technologie, pertinents pour le domaine de l'épilepsie et de la neurophysiologie. Les expositions commerciales auront lieu le vendredi 23 septembre entre 16h00 et 18h00, le samedi 24 septembre de 7h00 à 16h45 et le dimanche 25 septembre de 7h00 à 10h45.

Nous invitons tous les délégués à participer au concours de passeport de la salle d'exposition! En visitant tous les exposants, les délégués sont admissibles au tirage d'un prix. Veuillez consulter le bureau d'inscription sur place pour plus d'informations!



## 2022 CLAE FUN RUN/WALK: DID YOU REGISTER YET?

The CLAE is holding its 5th Annual Fun Run/Walk to raise funds for CLAE awards and projects! **If you have not already registered and would like to participate, please see the registration desk!**

**When:** Sunday, September 25, at 6:00 a.m.

**Location:** Meet in the lobby of the Delta Grand Okanagan Hotel at 6:00 a.m.

**Details:** 3 km walk or 5 km run

**Entry Fee:** \$35

Did you know that 80% of funds are raised within the first and last 3 days of registration?

## WE CAN'T FUNDRAISE WITHOUT YOU!

The CLAE is on a mission to enable people with epilepsy to live their lives fully despite the constraints of this neurological disorder. Your donations are essential to fuel the research required to improve patient care. With your generosity, people with epilepsy and members of the Canadian league will have a new breath of hope and the courage to pursue their dreams – thanks to your help where it's needed.

**Together, we can make a difference in the future of Epilepsy.**

Please help us reach our goal of \$2,500 to surpass previous years' funding and achieve a new milestone by donating today!

Visit [claegroup.org/2022-Fundraising](https://claegroup.org/2022-Fundraising) to donate today or see the registration desk!



## COURSE/MARCHE ANNUELLE AMUSANTE 2022 DE LA LCCE : ÊTES- VOUS INSCRIT?

La LCCE organise sa 5e course/marche annuelle amusante pour recueillir des fonds pour les prix et les projets de la LCCE! **Si vous n'êtes pas encore inscrit et que vous souhaitez participer, rendez-vous au bureau d'inscription!**

**Quand** : dimanche 25 septembre à 6h00am

**Lieu** : Rendez-vous dans le hall d'entrée de l'hôtel Delta Grand Okanagan à 6 h00am.

**Détails** : 3 km de marche ou 5 km de course

**Frais d'inscription** : 35 \$

Saviez-vous que 80 % des fonds sont collectés durant les 3 premiers et 3 derniers jours de la période d'inscription?

## NOUS NE POUVONS PAS COLLECTER DES FONDS SANS VOUS!

La LCCE a pour mission de permettre aux personnes épileptiques de vivre pleinement leur vie malgré les contraintes de ce trouble neurologique. Vos dons sont essentiels pour alimenter la recherche nécessaire à l'amélioration des soins aux patients. Grâce à votre générosité, les personnes vivant avec l'épilepsie et les membres de la ligue canadienne auront un nouveau souffle d'espoir et le courage de poursuivre leurs rêves – le tout grâce à votre aide qui est plus que nécessaire.

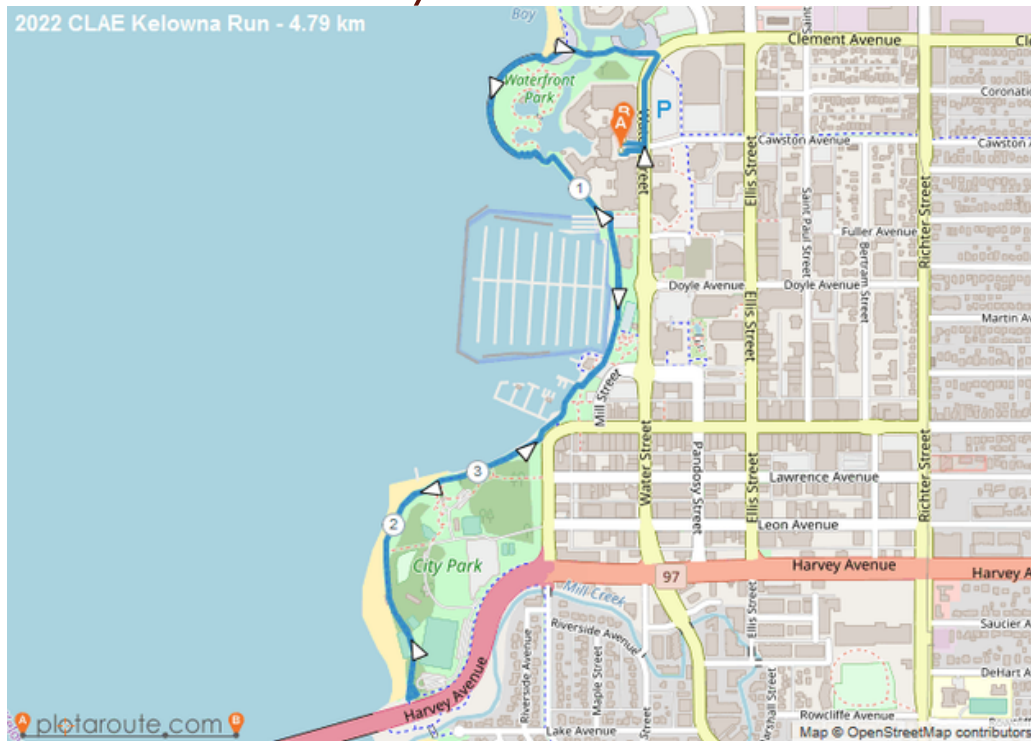
**Ensemble, nous pouvons faire une différence dans l'avenir de l'épilepsie.**

Aidez-nous à atteindre notre objectif de 2 500 \$ pour dépasser le financement des années précédentes et franchir une nouvelle étape en faisant un don aujourd'hui!

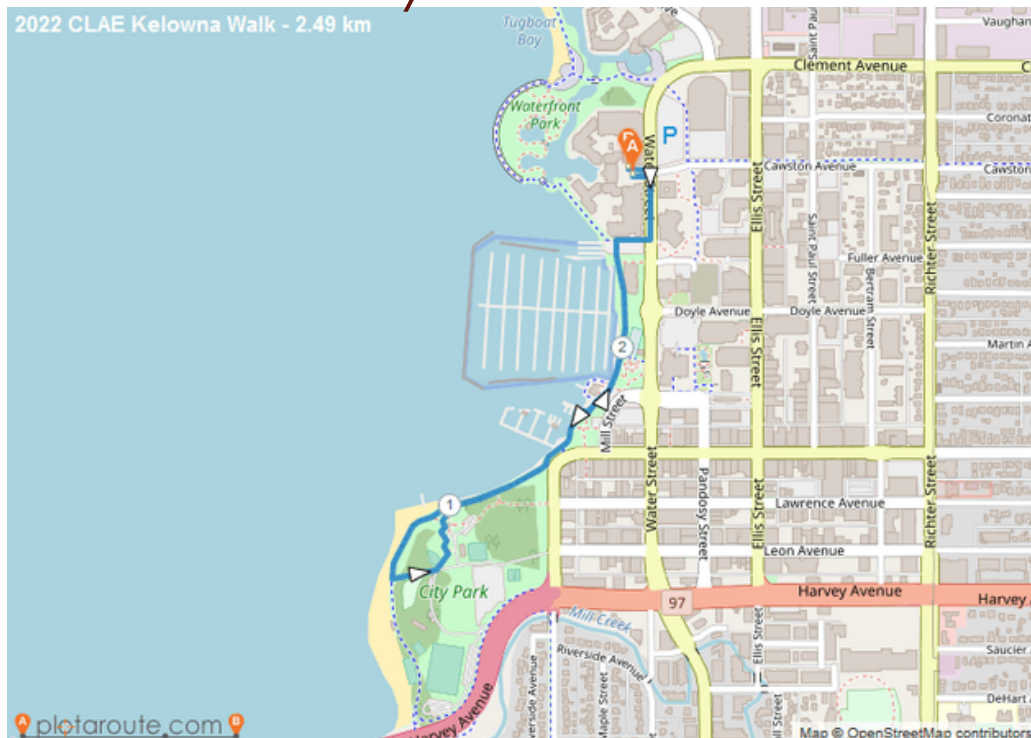
Visitez [claegroup.org/2022-Fundraising](https://claegroup.org/2022-Fundraising) pour faire un don aujourd'hui ou rendez-vous au bureau d'inscription!



## RUNNING ROUTE / PARCOURS DE COURSE



## WALKING ROUTE / PARCOURS DE MARCHÉ





## Canadian League Against Epilepsy Annual Scientific Meeting

The CLAE is one of 98 chapters of the International League Against Epilepsy (ILAE). The CLAE is an organization of medical and basic sciences professionals counting more than 200 members, including physicians, basic scientists and other researchers, nurses, neuropsychologists, students, and other health professionals. Our members are all keen to take advantage of their passion and knowledge in their respective fields to better respond to various basic needs of the epilepsy population, both present and future. We also work in collaboration with several organizations such as the Canadian Epilepsy Alliance (CEA), the American Epilepsy Society and the North American Commission of the ILAE. The CLAE Scientific Meeting is the largest Canadian meeting of those who share the common scientific and clinical interests of epilepsy and clinical neurophysiology.

### Mission Statement

CLAE will ensure that health professionals, people living with epilepsy and their care partners, governments, and the public nationwide have the educational resources and advocacy tools needed to understand, prevent, diagnose, and treat epilepsy. CLAE will achieve this by identifying needs, setting standards, and advocating for access to care and treatments, as well as facilitating research. We aim to promote national awareness by working closely with our partners in the Canadian Epilepsy Alliance, amongst others. Our mission and values are aligned with the International Leagues Against Epilepsy Strategy 2030.

### Policy on Commercial Support and Conflict of Interest

All presenters and planners are required to disclose any conflict of interest during their presentations.

### Overall Learning Objectives

At the end of the meeting, participants will be able to:

- recognize the global burden of epilepsy and identify international and national innovations that can and have made a difference locally and globally;
- describe factors contributing to the success and failures of epilepsy surgery, including biomarkers, mapping of the epileptogenic zone, intracranial EEG investigations, and margins of resection;
- discuss the impact and emerging insights of biological factors such as genetics and sex on childhood and adult epilepsies using disease models, such as tuberous sclerosis and epileptic encephalopathy; and
- explore how network analysis and connectivity, as well as, neuromodulation can inform epilepsy therapy.

### Accreditation

The University of British Columbia Division of Continuing Professional Development (UBC CPD) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide study credits for continuing medical education for physicians. This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and has been approved by UBC CPD for up to 12.5 MOC Section 1 Group Learning credits. Each physician should claim only those credits accrued through participation in the activity.



## Réunion scientifique annuelle de la Ligue Canadienne Contre L'Épilepsie

La LCCE est l'un des 98 chapitres de La ligue internationale de lutte contre l'épilepsie (LILCE/ILAE). La LCCE est une organisation de professionnels cliniques et des sciences fondamentales comptant plus de 200 membres, dont des médecins, des scientifiques fondamentaux et autres chercheurs, des infirmières, des neuropsychologues, des étudiants et d'autres professionnels de la santé. Nos membres sont tous désireux de mettre à profit leur passion et leurs connaissances dans leurs domaines respectifs pour mieux répondre aux divers besoins des personnes vivant avec l'épilepsie actuelles et futures. Nous travaillons également en collaboration avec plusieurs organisations telles que l'Alliance canadienne de l'épilepsie (ACE), l'American Epilepsy Society et la Commission nord-américaine de l'ILAE. La réunion scientifique de la LCCE est la plus grande réunion canadienne pour ceux qui ont des intérêts scientifiques et cliniques touchant l'épilepsie et la neurophysiologie clinique.

## Énoncé de mission

À l'échelle nationale, la LCCE veillera à ce que les professionnels de la santé, les personnes vivant avec l'épilepsie et leurs partenaires de soins, les gouvernements et le public disposent des ressources éducatives et des outils de promotion et de défense des intérêts nécessaires pour comprendre, prévenir, diagnostiquer et traiter l'épilepsie. La LCCE y parviendra en identifiant les besoins, en établissant des normes et en préconisant l'accès aux soins et aux traitements, ainsi qu'en facilitant la recherche. Nous visons à promouvoir la sensibilisation nationale en travaillant en étroite collaboration avec, entre autres, nos partenaires de l'Alliance Canadienne contre l'épilepsie. Notre mission et nos valeurs sont en accord avec la Stratégie 2030 de la Ligue internationale de lutte contre l'épilepsie.

## Politique sur le soutien commercial et les conflits d'intérêts

Tous les présentateurs et organisateurs sont tenus de divulguer tout conflit d'intérêts lors de leurs présentations.

## Objectifs d'apprentissage généraux

À la fin de la réunion, les participants seront en mesure de :

- reconnaître le fardeau mondial de l'épilepsie et identifier les innovations internationales et nationales qui peuvent et ont fait une différence aux niveaux local et mondial ;
- décrire les facteurs contribuant au succès et à l'échec de la chirurgie de l'épilepsie, y compris les biomarqueurs, la cartographie de la zone épileptogène, les investigations EEG intracrâniennes et les marges de résection ;
- discuter de l'impact et des connaissances émergentes de facteurs biologiques, tels que la génétique et le sexe, sur les épilepsies infantiles et adultes en utilisant des modèles de maladies, tels que la sclérose tubéreuse et l'encéphalopathie épileptique ;
- explorer comment l'analyse de la connectivité et du réseau, ainsi que la neuromodulation, peuvent façonner le traitement de l'épilepsie.

## Accréditation

La Division du développement professionnel continu de l'Université de la Colombie-Britannique (DPC UBC) est entièrement accréditée par le Comité d'agrément de la formation médicale continue (CACME) pour fournir des crédits d'études pour la formation médicale continue des médecins. Cet événement est une activité d'apprentissage en groupe accréditée (section 1) telle que définie par le programme de maintien du certificat (MDC) du Collège Royal des Médecins et Chirurgiens du Canada et a été approuvée par le DPC de l'UBC pour un maximum de 12,5 crédits d'apprentissage en groupe de la section 1 du MDC. Chaque médecin ne doit réclamer que les crédits accumulés grâce à sa participation à l'activité.





# PROGRAM

Friday, September 23, 2022

TIME	DESCRIPTION	ROOM
4:00 p.m.	Conference Check-in	Shuswap Foyer
4:00 p.m.	Exhibitor and Delegate Networking Opportunity	Shuswap Foyer + South Hall
5:00 p.m.	CLAE Annual General Meeting Members Only	Shuswap/Pennask/Skeena
5:45 p.m.	Welcome and Presidential Lecture	Shuswap/Pennask/Skeena
6:00 p.m.	Canadian Epilepsy Alliance / Alliance canadienne de l'épilepsie	Shuswap/Pennask/Skeena
6:30 p.m. Keynote Speaker	<p><i>Wada Keynote Lecture</i>  <b>Epilepsy is a Global Health Priority – Where Does Canada Fit In?</b>            Dr. Sam Wiebe</p> <p><b>Learning Objectives:</b>            At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• recognize the global burden of epilepsy, leading to its recognition as a public health priority;</li> <li>• recognize the main international initiatives underway to address this burden; and</li> <li>• identify ways in which Canadians can make a difference locally and globally.</li> </ul>	Shuswap/Pennask/Skeena
7:30 p.m.	Wrap-up for the Day	



# PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
7:00 a.m.	Conference Check-in	Shuswap Foyer
7:00 a.m.	Breakfast and Exhibitor/Delegate Networking	Shuswap Foyer + South Hall
8:00 a.m.	Welcome and Introductions	Shuswap/Pennask/Skeena
8:05 a.m. Plenary	<p><b>The Past and the Future of Intracranial EEG Investigations</b> Chair: Dr. Taufik Valiante, Toronto Western Hospital, University of Toronto</p> <p><b>Topics and Speakers:</b> <b>Case Presentations: 1. The Intracranial Investigation Was Key to Surgical Success</b> Elisabeth Simard-Tremblay, Montreal Children's Hospital, McGill University</p> <p><b>Case Presentation: 2. Everything Looked Right, But Surgery Failed</b> Ana Suller Marti, Western University, London Health Science Center</p> <p><b>Surgical Results after Intracranial EEG: Not Great, When Are They Good, When Are They Bad?</b> Dang K. Nguyen, Université de Montréal</p> <p><b>The Fundamental Weakness of Relying on Seizures and the Potential for Interictal Markers</b> Birgit Frauscher, Montreal Neurological Institute, McGill University</p> <p><b>Can a Canadian Consortium Help?</b> Jean Gotman, Montreal Neurological Institute, McGill University</p> <p><b>Required Steps to Render New Markers Clinically Effective</b> Sam Wiebe, University of Calgary</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• recognize the current success and failures of surgery following intracranial EEG investigations;</li> <li>• identify the intrinsic limitations of interictal and ictal markers of the epileptogenic zone; and</li> </ul>	Shuswap/Pennask/Skeena



# PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> <li>recognize what is required for new biomarkers of the epileptic tissue can become effective clinically.</li> </ul> <p><b>Target Audience:</b> Neurologists, neurosurgeons, neuropsychologists, radiologists, staff and trainees alike.</p>	
9:50 a.m.	<b>Poster Tours</b>	Mt. Boucherie
9:50 a.m.	<b>Break and Exhibitor/Delegate Networking</b>	Shuswap Foyer + South Hall
10:50 a.m.	<b>Breakout Sessions</b>	
Session 1-A	<p><b>New Models and the Quest for Novel Therapies for Epileptic Encephalopathies</b> Chairs: Dr. Morris Scantlebury, University of Calgary, and Dr. Elsa Rossignol, Université de Montréal</p> <p><b>Topics and Speakers:</b> <b>Human Cerebral Organoids for the Pathophysiology and Treatment of Epileptic Encephalopathies</b> Dr. Peter Carlen, Krembil Research Institute and University of Toronto</p> <p><b>Gene Editing in Rodent Models of Infantile Spasms: Progress and Opportunities</b> Dr. Morris Scantlebury, University of Calgary</p> <p><b>Modelling and Treating KCNQ2 DEE: Pitfalls and Progress</b> Dr. Ed Cooper, Baylor College of Medicine</p> <p><b>Molecular and Network Mechanisms of CACNA1A-associated Epileptic Encephalopathies</b> Dr. Elsa Rossignol, Université de Montréal</p> <p><b>Something to GRIN About: The NMDA Receptor as Both a Site of Pathogenesis and a Therapeutic Target in Epileptic Encephalopathy.</b> Dr. Kenneth Meyers, Montreal Children's Hospital and McGill University</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p>	Columbia



# PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> <li>review the utility of Next Generation Sequencing in harnessing the genetic diversity of developmental epileptic encephalopathies;</li> <li>describe the usefulness of gene-editing techniques in the development of new disease models;</li> <li>identify some of the molecular and circuit mechanisms underlying selected genetic forms of epileptic encephalopathies; and</li> <li>examine how such disease mechanisms can be targeted using novel approaches.</li> </ul> <p><b>Target Audience:</b> Neurology residents/fellows, staff neurologists, epileptologists, geneticists, PI/researchers, graduate students and post-docs.</p>	
Session 1-B	<p><b>Neuromodulation in Epilepsy</b> Chairs: Dr. Ana Suller Marti, Western University, and Dr. Alexander G Weil, University of Montreal</p> <p><b>Topics and Speakers:</b> <b>Neuromodulation in Epilepsy</b> Dr. Alexander G. Weil, University of Montreal</p> <p><b>Vagus Nerve Stimulation in Epilepsy</b> Dr. Ana Suller Marti, Western University</p> <p><b>Deep Brain Stimulation in Epilepsy</b> Dr. George Ibrahim, University of Toronto</p> <p><b>Responsive NeuroStimulation in Epilepsy</b> Dr. Jonathan Lau, Western University</p> <p><b>Clinical Cases</b> Dr. Alexander G. Weil, University of Montreal, Dr. Ana Suller Marti, Western University, Dr. George Ibrahim, University of Toronto, and Dr. Jonathan Lau, Western University</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>differentiate the three devices and the latest publications' results of each device;</li> <li>distinguish which population should be offered which device; and</li> </ul>	Shuswap/Pennask/Skeena



# PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<ul style="list-style-type: none"> <li>recognize the potential complications, side effects and contraindications.</li> </ul> <p><b>Target Audience:</b> Epileptologists, epilepsy surgeons, general neurologists, fellows, residents, medical students, allied health professionals.</p>	
12:35 p.m.	<b>Lunch and Exhibitor/Delegate Networking</b>	Shuswap Foyer + South Hall
1:35 p.m.	<p><b>Top Trainee Abstract Presentations</b> Chair: Dr. Esther Bui, University of Toronto</p> <ol style="list-style-type: none"> <li><b>In Vivo Mapping of Tauopathy in Temporal Lobe Epilepsy</b> Raúl Cruces, McGill University</li> <li><b>Magnetoencephalography Spectral Abnormalities Delineate the Epileptogenic Zone</b> Eleanor Hill, Montreal Neurological Institute and Hospital, McGill University</li> <li><b>Online Calculator for Seizure Freedom Following Pediatric Hemispherectomy: A Post Hoc Analysis of the HOPS Study</b> Evan Dimentberg, Université Laval</li> <li><b>Seizure Outcome of Pediatric MR-guided Laser Interstitial Thermal Therapy versus Open Surgery: A Matched Non-Inferiority Cohort Study</b> Omar Yossofzai, The Hospital for Sick Children</li> </ol> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>appraise recent research projects in epilepsy;</li> <li>develop critical thinking on results of research projects; and</li> <li>apply the implications of recent research projects on current clinical practice in epilepsy.</li> </ul>	Shuswap/Pennask/Skeena
2:45 p.m.	<b>Breakout Sessions</b>	
Session 2-A	<p><b>Seizure-Detection Wearables</b> Chairs: Dr. Dang K. Nguyen, University of Montreal Hospital Center, and Dr. Elie Bou Assi, Université de Montréal</p> <p><b>Topics and Speakers:</b></p>	Shuswap/Pennask/Skeena



## PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<p><b>Patients Views and Perspectives Regarding Wearable Seizure-Detection Devices</b> Dr. Cynthia Milburn</p> <p><b>An Overview of Commercially Available Seizure-Detection Wearables</b> Dr. Marie-Pierre Gagnon, Université Laval</p> <p><b>The Technical Framework behind Seizure-Detection Wearables</b> Dr. Elie Bou Assi, Université de Montréal</p> <p><b>Clinical Practice Recommendations Regarding Seizure-Detection Wearables</b> Dr. Dang K. Nguyen, University of Montreal Hospital Center</p> <p><b>Future of Wearables in Epilepsy</b> Dr. Laura Gagliano, Polytechnique Montreal</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• recognize patients' perspectives regarding the use of wearables for seizure detection;</li> <li>• identify which seizure-detection wearables are currently available on the market; learn the technical basics of seizure-detection wearables.</li> <li>• recognize clinical practice recommendations regarding seizure-detection wearables; and</li> <li>• describe the future potential of wearables in monitoring, detection, and forecasting.</li> </ul> <p><b>Target Audience:</b> This session is directed to clinical neurophysiologists, neurologists, epileptologists, neurosurgeons, engineers and trainees in these disciplines involved in the care of epileptic patients as well as researchers in the field of epilepsy.</p>	
Session 2-B	<p><b>Sex and Gender Issues in Epilepsy: Caring for Transgender Women and Women of Reproductive Potential with Epilepsy</b> Chairs: Dr. Esther Bui, University of Toronto, and Dr. Tad Fantaneanu, University of Ottawa</p> <p><b>Topics and Speakers:</b></p>	Columbia





# PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<p><b>Considerations for Transgender Patients with Epilepsy</b> Dr. Emily Johnson, Johns Hopkins University <i>*Presenting virtually</i></p> <p><b>Hormonal Contraception and Antiseizure Drugs: Interactions, Challenges and Options</b> Dr. Tejal Patel, University of Waterloo</p> <p><b>Developing a Women's Epilepsy Program, One Centre's Experience</b> Dr. Julien Hebert, Columbia University, and Esther Bui, University of Toronto</p> <p><b>Developing Guidelines for Women with Epilepsy</b> Dr. Mark Keezer, Centre Hospitalier de l'Université de Montréal</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• review important aspects of care for transgender women with epilepsy;</li> <li>• discuss oral contraceptive options for women with epilepsy;</li> <li>• discuss the development of an epilepsy and pregnancy program – one center's experience; and</li> <li>• review the upcoming AAN Pregnancy and Epilepsy Guidelines, a behind-the-scenes look.</li> </ul> <p><b>Target Audience:</b> medical trainees, neurologists, epilepsy specialists, neurosurgeons, nurse practitioners, nurses, social work, pharmacists, patient advocates.</p>	
4:30 p.m.	<b>Break and Exhibitor/Delegate Networking</b>	Shuswap Foyer + South Hall
4:45 p.m. (ends at 6:30 p.m.)	<b>Breakout Sessions</b>	
Session 3-A	<p><b>Global Health and Epilepsy</b> Chairs: Dr. Jorge G Burneo, Western University</p> <p><b>Topics and Speakers:</b></p>	Shuswap/Pennask/Skeena



## PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<p><b>A Center-to-Center Program to Improve Care of Patients with Epilepsy in Trinidad and Vietnam</b> Dr. Dang Nguyen, University of Montreal</p> <p><b>An International Consortium in Epilepsy Surgery Education</b> Dr. Jorge Burneo, Western University</p> <p><b>ECHO in Epilepsy (and Genetics of Epilepsy): Provincial, National and Global</b> Dr. Lysa Boisse-Lomax, Queen's University</p> <p><b>The Bhutan Epilepsy Project</b> Dr. Farrah Mateen, Harvard University</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>describe the challenges and possibilities of developing sustainable projects to improve the care of those affected by epilepsy abroad;</li> <li>discuss the steps needed to build successful relationships with colleagues abroad; and</li> <li>describe the challenges and potential solutions for collaborative work with other nations, particularly those in much more need.</li> </ul> <p><b>Target Audience:</b> Medical students, Neurology residents, Epilepsy Fellows, Epileptologists, Neurosurgeons, Allied Health.</p>	
Session 3-B	<p><b>Existing and Emerging Epilepsy Management in Tuberous Sclerosis Complex</b> Chairs: Dr. Maryam N. Nouri, Western University, and Dr. Robyn Whitney, McMaster Children's Hospital</p> <p><b>Topics and Speakers:</b> <b>New and Emerging Pharmacologic Therapies</b> Dr. Maryam N. Nouri, Western University, and Dr. Robyn Whitney, McMaster Children's Hospital</p> <p><b>Use of Neurostimulation in TSC from VNS to DBS</b> Dr. George Ibrahim, Hospital for Sick Children</p>	Columbia



## PROGRAM

Saturday, September 24, 2022

TIME	DESCRIPTION	ROOM
	<p><b>Surgical Advances in Treatment of TSC</b> Dr. Aria Fallah, David Geffen School of Medicine, UCLA</p> <p><b>Screen or Not to Screen—That is a Question!</b> Dr. Philippe Major, CHU Sainte-Justine</p> <p><b>Challenges in Care Coordination and Network Establishment in TSC</b> Dr. Maria Zak, University of Toronto</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• review emerging pharmacological treatments that can be used to treat epilepsy secondary to TSC;</li> <li>• discuss the rationale of serial EEG monitoring in infants with TSC;</li> <li>• recognize the spectrum of non-pharmacological therapies including epilepsy surgery and neurostimulation in the management of epilepsy related to TSC; and</li> <li>• describe the challenges of care coordination in patients with TSC.</li> </ul> <p><b>Target Audience:</b> Child Neurologists, Adult Neurologists, Neurosurgeons, Neuroradiologists, Neurophysiologists, Residents, Fellows, Nurses.</p>	
6:45 p.m.	<p><b>CLAE Reception and Gala Dinner</b> (Tickets must be purchased in advance)</p> <p>Meet in the hotel lobby for the buses at 6:45 p.m. sharp</p>	<p><i>Off-site</i></p> <p><b>50<sup>th</sup> Parallel Estate Winery</b> 17101 Terrace View Rd, Lake Country</p>
7:30 p.m. - onward	<p><b>CLAE Reception and Gala Dinner</b></p>	



## PROGRAM

Sunday, September 25, 2022

TIME	DESCRIPTION	ROOM
6:00 a.m.	<b>CLAE Fun Run/Walk</b> Join us for the 5 <sup>th</sup> CLAE Fun Run/Walk! <i>Meet at 6:00 a.m. sharp in the hotel lobby</i>	Lobby, Delta Hotel
7:00 a.m.	<b>Breakfast and Exhibitor/Delegate Networking</b>	Shuswap Foyer + South Hall
7:30 a.m.	<b>Ictal Semiology Session</b> Chairs: Dr. Jorge G Burneo, Western University, and Dr. Juan Pablo Appendino, University of Calgary  <b>Topics and Speakers:</b> <b>Adult Case 1</b> Dr. Samuel Lapalme-Remis, University of Montreal  <b>Pediatric Case</b> Dr. Natarie Liu, University of Alberta  <b>Adult Case 2</b> Dr. Chantelle Hrazdil, University of British Columbia  <b>Learning Objectives:</b> At the end of the session, participants will be able to: <ul style="list-style-type: none"> <li>• demonstrate how semiology may be used to localize seizure onset and propagation; and</li> <li>• demonstrate the clinical elements to reconstruct seizure onset and propagation pattern of ictal discharge.</li> </ul> <b>Target Audience:</b> Epileptologists, epilepsy surgeons, general neurologists, fellows, residents, medical students, allied health professionals.	Shuswap/Pennask/Skeena
8:30 a.m. Plenary	<b>Savoy Plenary Session</b> <b>Understanding Lifespan Changes in People with Epilepsy Through Neuroimaging and Connectomics</b> Chairs: Dr. Boris Bernhardt, Montreal Neurological Institute, and Dr. Paolo Federico, University of Calgary  <b>Topics and Speakers:</b>	Shuswap/Pennask/Skeena



## PROGRAM

Sunday, September 25, 2022

TIME	DESCRIPTION	ROOM
	<p><b>Structural and Network Changes in Childhood Epilepsy</b> Dr. Dewi Schrader, University of British Columbia</p> <p><b>Network Reorganization in Adult Epilepsy</b> Dr. Sara Lariviere, Montreal Neurological Institute</p> <p><b>A Network Perspective on Cognitive Decline in Epilepsy</b> Dr. Lorenzo Caciagli, Thomas Jefferson University</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge in basic concepts related to connectomics and graph theory;</li> <li>• identify structural and functional anomalies in childhood and adult epilepsy</li> <li>• recognize that cognitive function can be mapped via neuroimaging and network-based approaches;</li> <li>• identify key examples of network abnormalities underlying cognitive impairment and disease progression in common epilepsies; and</li> <li>• recognize that network analyses can inform epilepsy treatment outcomes.</li> </ul> <p><b>Target Audience:</b> Neurologists, epileptologists, fellows, residents, medical students, clinical researchers, and imaging scientists.</p>	
10:15 a.m.	<b>Break and Exhibitor/Delegate Networking</b>	Shuswap Foyer + South Hall
10:45 a.m.	<b>Breakout Sessions</b>	
Session 4-A	<p><b>Stereotactic EEG – Lessons from Pediatric and Adult Patients</b> Chairs: Dr. Walter Hader, University of Calgary, and Dr. Kenneth Myers, McGill University</p> <p><b>Introduction</b> Dr. Walter Hader, University of Calgary, and Dr. Kenneth Myers, McGill University</p> <p><b>Case #1: An Adult with Drug-Resistant Focal Epilepsy</b></p>	Shuswap/Pennask/Skeena



## PROGRAM

Sunday, September 25, 2022

TIME	DESCRIPTION	ROOM
	<p>Dr. David Steven, Western University, and Dr Jorge Burneo, Western University</p> <p><b>Case #2: A Child with Drug-Resistant Focal Epilepsy</b> Dr. Roy Dudley, McGill University, and Dr. Kenneth Myers, McGill University</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>describe the indications for an SEEG implantation;</li> <li>describe the general approach to creating an SEEG implantation plan;</li> <li>describe the utility of electrode stimulation during an SEEG implantation; and</li> <li>describe the typical ictal pattern of a focal seizure on SEEG.</li> </ul> <p><b>Target Audience:</b> Epileptologists (pediatric and adult), neurosurgeons (pediatric and adult), epilepsy fellows, epilepsy nurses, neurophysiology technicians.</p>	
Session 4-B	<p><b>Epilepsy Genetics: A Focus on Precision Medicine</b> Chairs: Dr. Lysa Boissé Lomax, Queen's University</p> <p><b>Topics and Speakers:</b> <b>First Steps: An Approach to Epilepsy Genetic Testing</b> Dr. Lysa Boissé Lomax, Queen's University</p> <p><b>The Developmental Epileptic Encephalopathies Across the Lifespan</b> Dr. Danielle Andrade, University of Toronto</p> <p><b>Paediatric Genetic Epilepsy: Emerging Therapies</b> Dr. Felipe Borlot, University of Calgary</p> <p><b>Precision Medicine in Adults with Epilepsy: From Monogenic to Common Epilepsies</b> Dr. Karl Martin Klein, University of Calgary</p> <p><b>Learning Objectives:</b> At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> <li>describe an approach to epilepsy genetic testing, including patient selection, choice of investigations, tackling variants of uncertain</li> </ul>	Columbia





## PROGRAM

Sunday, September 25, 2022

TIME	DESCRIPTION	ROOM
	<p>significance (VUS), counselling patients and family members, and when to consult medical genetics;</p> <ul style="list-style-type: none"> <li>describe the current state of knowledge surrounding precision or personalised medicine in both paediatric and adult monogenic epilepsy syndromes; and</li> <li>discuss advances on the horizon for the investigation and management of paediatric and adult epilepsy syndromes.</li> </ul> <p><b>Target Audience:</b> Medical students, neurology residents, epilepsy fellows, neurologists, epileptologists, neurosurgeons, nurse practitioners, nurses, genetic counselors.</p>	
12:30 p.m.	<b>On-the-Go Lunch</b>	Shuswap Foyer + South Hall



## ABSTRACTS / RÉSUMÉS

Posters will be on display throughout the conference in the Mt. Boucherie room. The poster tour will be held Saturday, September 24, 9:50 a.m. – 10:50 a.m. Authors are required to stand by their posters for a Q&A during this time. For complete abstracts, please refer to the **2022 CLAE Book of Abstracts** available online (<https://claegroup.org/Program-&Book-of-Abstracts-2022/>).

Des affiches seront exposées tout au long de la conférence dans la salle du Mont Boucherie. La tournée des affiches aura lieu le samedi 24 septembre, de 9 h 50 à 10 h 50. Les auteurs sont tenus de se tenir près de leurs affiches pour une séance de questions-réponses pendant cette période. Pour le résumé complet, veuillez vous référer au livre des **résumés de la LCCE 2022** disponible en ligne (<https://claegroup.org/Program-&Book-of-Abstracts-2022/>).

NO.	NEUROIMAGNIG
5	WITHDRAWN
6	<p><b>HOMOTOPIC COUPLING IN PERSONS WITH EPILEPSY USING MOVIE-DRIVEN AND RESTING-STATE FMRI</b>            Caroline Chadwick<sup>1</sup>, Mark O'Reilly<sup>1</sup>, Hana Abbas<sup>1</sup>, Daniella Ladowski<sup>1</sup>, Nargess Ghazaleh<sup>1</sup>, Ali Khan, Jorge G. Burneo<sup>2</sup>, David A. Steven<sup>2</sup>, Seyed M. Mirsattari<sup>2</sup>, Ingrid Johnsrude<sup>1</sup></p> <p><sup>1</sup>The University of Western Ontario  <sup>2</sup>Schulich School of Medicine and Dentistry</p>
7	<p><b>ESTABLISHING STANDARDIZED CLINICAL FMRI PARADIGMS TO LATERALIZE LANGUAGE IN PATIENTS WITH EPILEPSY</b>            Madeleine Falby<sup>1,2</sup>, Garima Shukla<sup>1</sup>, Lysa Boissé Lomax<sup>1</sup>, Gavin Winston<sup>1</sup></p> <p><sup>1</sup>Queen's University  <sup>2</sup>University of Toronto</p>
8	<p><b>CORTICAL MICROSTRUCTURAL GRADIENTS CAPTURE MEMORY NETWORK REORGANIZATION IN TEMPORAL LOBE EPILEPSY</b>            Jessica Royer<sup>1</sup>, Sara Larivière, Raul Rodriguez-Cruces, Shahin Tavakol, Hans Auer, Bo-yong Park, Casey Paquola, Andrea Bernasconi, Neda Bernasconi, Birgit Frauscher, Boris Bernhardt</p> <p><sup>1</sup>Montreal Neurological Institute and Hospital</p>
9	<p><b>REPEATED INTRACRANIAL EEG-FMRI STUDIES COLOCALIZE REGIONS IMPORTANT FOR POSTSURGICAL SEIZURE FREEDOM IN EPILEPSY</b>            William Wilson, Laura Gill, Daniel Pittman, Perry Dykens, Victoria Mosher, Paolo Federico</p> <p>University of Calgary</p>
NO.	CLINICAL EPILEPSY / EEG / ANTIEPILEPTICS
10	WITHDRAWN
11	OUTCOME IN BILATERAL TEMPORAL LOBE EPILEPSY AFTER TREATMENT WITH VAGUS NERVE STIMULATION



## POSTERS

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	<p>Ashwaq Alshahrani, Jonathan C. Lau, Jorge G. Burneo, Seyed M. Mirsattari, Dereck B. Debicki, David A. Steven, Keith W. MacDougall, Andrew G. Parrent, Richard S. McLachlan, Ana Suller Marti</p> <p><i>Western University</i></p>
12	<p><b>EPILEPSY SURGERY IN ADULT STROKE SURVIVORS WITH NEW-ONSET DRUG-RESISTANT EPILEPSY</b> Tresah Antaya<sup>1</sup>, Britney Le<sup>2</sup>, Lucie Richard<sup>2</sup>, Amna Qureshi<sup>1</sup>, Salimah Shariff<sup>2</sup>, Luciano Sposato<sup>1</sup>, Jorge Burneo<sup>1</sup></p> <p><sup>1</sup><i>Western University</i> <sup>2</sup><i>ICES Western</i></p>
13	<p><b>CHARACTERIZING THE EFFECTS OF VAGUS NERVE STIMULATION ON THE AMYGDALA: A GENE EXPRESSION PROFILING STUDY</b> Rania Belhadjhamida<sup>1</sup>, Qi Zhang<sup>1,2</sup></p> <p><sup>1</sup><i>Schulich School of Medicine &amp; Dentistry</i> <sup>2</sup><i>London Health Sciences Center</i></p>
14	<p><b>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</b> Christian Brandt<sup>1</sup>, J Ben Renfroe<sup>2</sup>, Anna Patten<sup>3</sup>, Leock Y Ngo<sup>4</sup></p> <p><sup>1</sup><i>Bethel Epilepsy Center</i> <sup>2</sup><i>Child Neurology Center of Northwest Florida</i> <sup>3</sup><i>Eisai Europe Ltd.</i> <sup>4</sup><i>Eisai Inc.</i></p>
15	<p><b>MULTIMODAL MACHINE LEARNING CAN PREDICT PERSISTENT DEPRESSION IN ADULTS WITH EPILEPSY: A PILOT STUDY</b> Guillermo Delgado-Garcia<sup>1</sup>, Jordan D.T. Engbers<sup>2</sup>, Pauline Mouches<sup>1</sup>, Kimberly Amador<sup>1</sup>, Samuel Wiebe<sup>1</sup>, Nils D. Forkert<sup>1</sup>, James A. White<sup>1</sup>, Tolulope Sajobi<sup>1</sup>, Karl Martin Klein<sup>1</sup>, Colin B. Josephson<sup>1</sup>, Calgary Comprehensive Epilepsy Program Collaborators</p> <p><sup>1</sup><i>University of Calgary</i> <sup>2</sup><i>Desid Labs Inc.</i></p>
16	<p><b>EXAMINING VAPORIZED AND EDIBLE THC/CBD PRODUCTS FOR TREATING SEIZURE-INDUCED CHANGES IN EMOTIONAL BEHAVIOUR</b> Renaud Gom<sup>1</sup>, Sydney Harris<sup>1</sup>, Antis George<sup>1</sup>, Pasindu Wickramarachchi<sup>1</sup>, Matthew Hill<sup>1</sup>, Roberto Colangeli<sup>2</sup>, Cam Teskey<sup>1</sup></p> <p><sup>1</sup><i>University of Calgary</i> <sup>2</sup><i>Marche Polytechnic University</i></p>
17	<p><b>TRANSITION NEEDS OF CAREGIVERS OF PATIENTS WITH EPILEPSY AND MODERATE-SEVERE COGNITIVE IMPAIRMENT</b> Sarah Healy, Sharon Whiting</p> <p><i>Children's Hospital of Eastern Ontario</i></p>
18	<p><b>THE MitoREAD PLATFORM FOR THE IDENTIFICATION OF NEW DRUG TARGETS FOR REFRACTORY EPILEPSY</b></p>



## POSTERS

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	<p>Kingsley Ibhazehiebo, Deepika Dogra, Arthur Omorogiuwa, Cristie Noschang, Deborah Kurrasch</p> <p><i>University of Calgary</i></p>
19	<p><b>INTERICTAL EPILEPTIFORM DISCHARGES ON ROUTINE EEG FOLLOW-UP PREDICT SEIZURE RECURRENCE RISK</b></p> <p>Mezen Jemel<sup>1</sup>, Mezen Jemel<sup>1</sup>, Émile Lemoine<sup>1,2</sup>, Jean-Daniel Tessier<sup>1</sup>, AnQi Xu<sup>1</sup>, Dang Khoa Nguyen<sup>1,3</sup>, Élie Bou Assi<sup>1,3</sup></p> <p><sup>1</sup><i>University of Montreal Hospital Research Center (CRCHUM)</i>  <sup>2</sup><i>Institute of Biomedical Engineering (Polytechnique Montreal)</i>  <sup>3</sup><i>Department of Neuroscience (University of Montreal)</i></p>
20	<p><b>ELEVATE STUDY 410: PHASE IV STUDY OF PERAMPANEL AS MONOTHERAPY OR FIRST ADJUNCTIVE THERAPY IN PATIENTS AGED ≥4 YEARS WITH FOCAL-ONSET SEIZURES OR GENERALIZED TONIC-CLONIC SEIZURES</b></p> <p>Pavel Klein<sup>1</sup>, Omar Samad<sup>2</sup>, Dinesh Kumar<sup>2</sup>, Leock Y Ngo<sup>2</sup>, Manoj Malhotra<sup>2</sup></p> <p><sup>1</sup><i>Mid-Atlantic Epilepsy and Sleep Center</i>  <sup>2</sup><i>Eisai Inc.</i></p>
21	<p><b>DOES REM MARK THE SPOT? UNDERSTANDING SLEEP-WAKE EFFECTS ON EPILEPTIC SOURCE LOCALIZATION FROM LITERATURE REVIEW TO EXPERIMENTAL EVIDENCE</b></p> <p>Graham McLeod<sup>1</sup>, Marcus Ng<sup>2</sup></p> <p><sup>1</sup><i>University of Calgary</i>  <sup>2</sup><i>University of Manitoba</i></p>
22	<p><b>MENTAL HEALTH IN EPILEPSY PATIENTS AFTER NEUROMODULATION THERAPY</b></p> <p>Tara Newman, Keith MacDougall, Jonathan Lau, Jorge Burneo, Ana Suller Marti</p> <p><i>Schulich School of Medicine and Dentistry</i></p>
23	<p><b>LONG-TERM EFFICACY AND SAFETY OF PERAMPANEL MONOTHERAPY IN PATIENTS WITH NEWLY DIAGNOSED/CURRENTLY UNTREATED RECURRENT FOCAL-ONSET SEIZURES: FREEDOM STUDY 342 EXTENSION PHASE</b></p> <p>Leock Y Ngo<sup>1</sup>, Sung Chul Lim<sup>2</sup>, Hirotomo Ninomiya<sup>3</sup>, Yuichi Kubota<sup>4</sup>, Won Chul Shin<sup>5</sup>, Dong Wook Kim<sup>6</sup>, Dong Jin Shin<sup>7</sup>, Koji Iida<sup>8</sup>, Taku Ochiai<sup>9</sup>, Risa Matsunaga<sup>10</sup>, Hidetaka Hiramatsu<sup>10</sup>, Ji Hyun Kim<sup>11</sup>, Anna Patten<sup>12</sup>, Takamichi Yamamoto<sup>13</sup></p> <p><sup>1</sup><i>Eisai Inc.</i>  <sup>2</sup><i>The Catholic University of Korea</i>  <sup>3</sup><i>Itami City Hospital</i>  <sup>4</sup><i>Tokyo Women's Medical University Adachi Medical Center</i>  <sup>5</sup><i>Kyung Hee University Hospital at Gangdong</i>  <sup>6</sup><i>Konkuk University School of Medicine</i>  <sup>7</sup><i>Gachon University Gil Medical Center</i>  <sup>8</sup><i>Hiroshima University</i>  <sup>9</sup><i>Ochiai Neurological Clinic</i>  <sup>10</sup><i>Eisai Co.</i>  <sup>11</sup><i>Korea University Guro Hospital</i>  <sup>12</sup><i>Eisai Europe Ltd.</i></p>



## POSTERS

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	<i><sup>13</sup>Seirei Hamamatsu General Hospital</i>
24	<p><b>THE PHENOTYPIC SPECTRUM OF EPILEPSY IN PERIVENTRICULAR NODULAR HETEROTOPIA</b> Karina Paliotti<sup>1</sup>, Kenneth A. Myers<sup>1,2</sup></p> <p><i><sup>1</sup>McGill University</i> <i><sup>2</sup>Montreal Children's Hospital</i></p>
25	<p><b>STUDYING THE ROLE OF THE ANTERIOR INSULA AND THE VENTROMEDIAL PREFRONTAL CORTEX IN DECISION-MAKING THROUGH DIRECT ELECTRICAL STIMULATIONS IN EPILEPTIC PATIENTS DURING STEREO-ELECTROENCEPHALOGRAPHY</b> Ines Rachidi<sup>1</sup>, Romane Cecchi<sup>2</sup>, Lorella Minotti<sup>3</sup>, Philippe Kahane<sup>3</sup>, Julien Bastin<sup>2</sup></p> <p><i><sup>1</sup>CHUM</i> <i><sup>2</sup>Grenoble Institute of Neurosciences</i> <i><sup>3</sup>Grenoble University Hospital</i></p>
26	<p><b>INTRACRANIAL EEG PATIENT ANALYSIS: SEIZURE REDUCTION IN REFRACTORY EPILEPSY FOLLOWING DEPTH ELECTRODE INSERTION</b> Shreyashish Roy-Chowdhury<sup>1</sup>, Jorge G. Burneo<sup>2</sup>, Michelle Lee-Jones<sup>2</sup>, David Stevens<sup>2</sup>, Jonathan Lau<sup>2</sup>, Andrew Parrent<sup>2</sup>, Keith MacDougal<sup>2</sup>, Seyed Mirsattari<sup>2</sup>, David Diosy<sup>2</sup>, Richard McLachlan<sup>2</sup>, Ana Suller Marti<sup>1</sup></p> <p><i><sup>1</sup>Western University</i> <i><sup>2</sup>Clinical Neurological Sciences Department, Schulich School of Medicine &amp; Dentistry</i></p>
27	<p><b>VALIDATING THE ODDS RATIO PRODUCT IN AN EPILEPSY MONITORING UNIT</b> Michael Salas<sup>1</sup>, Darion Toutant<sup>1</sup>, Graham McLeod<sup>2</sup>, Bethany Gerardy<sup>3</sup>, Magdy Younes<sup>1</sup>, Marcus Ng<sup>1</sup></p> <p><i><sup>1</sup>University of Manitoba</i> <i><sup>2</sup>University of Calgary</i> <i><sup>3</sup>Cerebra Health</i></p>
28	<b>WITHDRAWN</b>
29	<b>WITHDRAWN</b>
30	<b>WITHDRAWN</b>
31	<p><b>MEMANTINE IMPROVES SEIZURE FREQUENCY AND ENCEPHALOPATHY IN CHILDREN WITH EPILEPTIC ENCEPHALOPATHY: A RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED CROSSOVER TRIAL</b> Katharina Schiller, Kenneth Myers</p> <p><i>McGill University</i></p>
32	<p><b>SLEEP QUALITY AND QUALITY OF LIFE AMONG PEOPLE WITH DRUG-REFRACTORY EPILEPSY WHO USE CANNABIS VERSUS THOSE WHO DO NOT – A CROSS SECTIONAL STUDY</b> Garima Shukla, Zaitoon Shivji, Gavin P Winston, Lysa B Lomax, Helen Driver</p> <p><i>Queen's University</i></p>
33	<p><b>COGNITIVE AND BEHAVIOURAL FEATURES OF INSULAR EPILEPSY: A SCOPING REVIEW</b> Tamara P Tavares<sup>1,2</sup>, Julia Young<sup>1</sup>, Elizabeth N Kerr<sup>1</sup>, Eva Mamak<sup>1</sup>, Mary Lou Smith<sup>1</sup></p> <p><i><sup>1</sup>The Hospital for Sick Children</i></p>



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	<sup>2</sup> York University
34	<b>OPTIMAL VAGUS NERVE STIMULATION AND TITRATION FOR PATIENTS WITH DRUG-RESISTANT EPILEPSY</b> Ryan Verner <sup>1</sup> , Lennart Kann <sup>1</sup> , Firas Fahoum <sup>2</sup> , Michal Tzadok <sup>2</sup> , Massimiliano Boffini <sup>1</sup> , Charles Gordon <sup>1</sup> , Riëm El Tahry <sup>3</sup>  <sup>1</sup> Clinical and Medical Affairs, LivaNova PLC (or a subsidiary) <sup>2</sup> Sackler Faculty of Medicine, Tel-Aviv University <sup>3</sup> Centre for Refractory Epilepsy, Department of Neurology, Cliniques Universitaires Saint-Luc
35	<b>ASSOCIATION BETWEEN MULTIPLE SCLEROSIS AND EPILEPSY: A SYSTEMATIC REVIEW AND META-ANALYSIS</b> Annie Wu <sup>1</sup> , Stephanie Kuntz <sup>1</sup> , Emilie Matheson <sup>2</sup> , Ishani Vyas <sup>3</sup> , Manav Vyas <sup>1</sup>  <sup>1</sup> Department of Medicine, University of Toronto <sup>2</sup> Faculty of Science, Queen's University <sup>3</sup> Faculty of Science, Western University
36	<b>AUTOMATED DETECTION OF INTERICTAL EPILEPTIFORM DISCHARGES ON ELECTRO- AND MAGNETO-ENCEPHALOGRAPH RECORDINGS USING DEEP LEARNING</b> Jiayue Zheng <sup>1</sup> , Eleanor Hill <sup>1</sup> , Roy Dudley <sup>2</sup> , Sylvain Baillet <sup>1</sup>  <sup>1</sup> McGill University <sup>2</sup> The Montreal Children's Hospital
<b>NO.</b>	<b>PEDIATRIC EPILEPSY</b>
37	<b>CLINICAL, RADIOLOGIC AND GENETIC CHARACTERIZATION OF A FOCAL CORTICAL DYSPLASIA TYPE I COHORT</b> Sarah Alsubhi <sup>1</sup> , Tristan Brunette-Clément <sup>2</sup> , Eric Omelian <sup>3</sup> , Nassima Addour <sup>3</sup> , Lina Mougharbel <sup>3</sup> , Eric Krochmalnek <sup>3</sup> , Roy Dudley <sup>4</sup> , Jeffrey Atkinson <sup>5</sup> , Jean-Pierre Farmer <sup>4</sup> , Steffen Albrecht <sup>4</sup> , Catherine Fallet-Bianco <sup>6</sup> , Alexander Weil <sup>2</sup> , Myriam Srour <sup>1,3</sup>  <sup>1</sup> Department of Pediatrics, McGill University <sup>2</sup> Department of Neurosurgery, University de Montreal <sup>3</sup> McGill University Health Center Research Institute <sup>4</sup> Department of Neurology & Neurosurgery, McGill University <sup>5</sup> University Health Center Research Institute <sup>6</sup> Department of Pathology, McGill University
38	WITHDRAWN
39	WITHDRAWN
40	WITHDRAWN
41	<b>THE EPILEPTOLOGY OF WIEDEMANN-STEINER SYNDROME: ELECTROCLINICAL FINDINGS IN SIX PATIENTS WITH KMT2A PATHOGENIC VARIANTS</b> Ahmed N. Sahly <sup>1,2</sup> , Myriam Srour <sup>1,3,4</sup> , Daniela Buhás <sup>5</sup> , Ingrid E. Scheffer <sup>6,7,8</sup> , Kenneth A. Myers <sup>1,3,4</sup>  <sup>1</sup> Division of Neurology, Department of Pediatrics, Montreal Children's Hospital, McGill University Health Centre, Montreal, Quebec, Canada <sup>2</sup> Department of Neurosciences, King Faisal Specialist Hospital & Research Centre, Jeddah, Saudi Arabia <sup>3</sup> Research Institute of the McGill University Medical Centre, Montreal, Quebec, Canada



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	<p><sup>4</sup>Department of Neurology and Neurosurgery, Montreal Children's Hospital, McGill University Health Centre, Montreal, Quebec, Canada</p> <p><sup>5</sup>Division of Medical Genetics, Department of Specialized Medicine, McGill University Health Centre, Department of Human Genetics, McGill University Montreal, QC, Canada</p> <p><sup>6</sup>Epilepsy Research Centre, Department of Medicine, The University of Melbourne, Austin Health, Victoria, Australia</p> <p><sup>7</sup>Department of Paediatrics, The University of Melbourne, Royal Children's Hospital, Victoria, Australia</p> <p><sup>8</sup>The Florey Institute of Neuroscience and Mental Health and Murdoch Children's Research Institute, Melbourne, Victoria, Australia</p>
42	<p><b>GROWING UP WITHOUT A RIGHT HEMISPHERE</b> Mary Lou Smith<sup>1,2</sup>, Julia Young<sup>2</sup></p> <p><sup>1</sup>University of Toronto <sup>2</sup>The Hospital for Sick Children</p>
43	<p><b>PROCESS EVALUATION OF THE MAKING MINDFULNESS MATTER© IN CHILDREN WITH EPILEPSY STUDY, A LIVE-ONLINE MINDFULNESS-BASED INTERVENTION FOR CHILDREN WITH EPILEPSY AND THEIR FAMILIES</b> Karina Tassiopoulos<sup>1,2,3</sup>, Karen Bax<sup>1,2,3</sup>, Klajdi Puka<sup>1,4</sup>, Evelyn Vingilis<sup>1,2,3</sup>, Kathy Nixon Speechley<sup>1,2,3</sup></p> <p><sup>1</sup>Western University <sup>2</sup>Children's Health Research Institute <sup>3</sup>Lawson Health Research Institute <sup>4</sup>Institute for Mental Health Policy Research, Centre for Addiction and Mental Health</p>
44	<p><b>THE SCOPE OF PAEDIATRIC TUBEROUS SCLEROSIS COMPLEX (TSC) NEUROLOGICAL CARE: RESULTS FROM A NATIONAL SURVEY</b> Robyn Whitney<sup>1</sup>, Maria Zak<sup>2</sup>, Denait Haile<sup>3</sup>, Maryam Nabavi Nouri<sup>3</sup></p> <p><sup>1</sup>McMaster University <sup>2</sup>University of Toronto <sup>3</sup>Western University</p>
<b>NO.</b>	<b>STATUS EPILEPTICS / CRITICAL CARE</b>
45	<b>WITHDRAWN</b>
46	<p><b>RAPID TITRATION OF VNS IN STATUS EPILEPTICUS</b> Christine Le<sup>1,2</sup>, Derek Debicki<sup>1,2</sup></p> <p><sup>1</sup>London Health Sciences Centre <sup>2</sup>Western University</p>
47	<p><b>POSITIVE PROGNOSTIC VALUE OF SLEEP ARCHITECTURE IN PATIENTS WITH STATUS EPILEPTICUS IN THE ICU</b> Richard Ran Liu<sup>1</sup>, Sabrina Schaly<sup>2</sup>, Gavin P Winston<sup>2</sup>, Garima Shukla<sup>2</sup>, Lysa Boissé Lomax<sup>2</sup></p> <p><sup>1</sup>Harvard University <sup>2</sup>Queen's University</p>
48	<p><b>STATNET ELECTROENCEPHALOGRAM IS RELIABLE COMPARED TO CONVENTIONAL EEG IN THE INTENSIVE CARE SETTING</b></p>





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	Grace Kathleen Serrano, Laura Haley, Christopher Uy, Sonny Thiara, Donald Griesdale, Manoucher Javidan, Farzad Moien Afhsari  <i>Vancouver General Hospital, University of British Columbia</i>
<b>NO.</b>	<b>BASIC SCIENCE / ENGINEERING</b>
49	<b>AN EX VIVO MODEL TO STUDY FAST RIPPLE HIGH-FREQUENCY OSCILLATIONS DETECTED BY SEEG USING DEDICATED SURGICAL SPECIMENS FROM PEDIATRIC FOCAL EPILEPSY PATIENTS.</b> Adriano Cattani <sup>1</sup> , Siyan Wang <sup>2</sup> , Maxime Levesque <sup>2</sup> , Jeff Atkinson <sup>1</sup> , Jean-Pierre Farmer <sup>1</sup> , Massimo Avoli <sup>2</sup> , Roy Dudley <sup>1</sup>  <sup>1</sup> <i>Montreal Children Hospital, McGill University</i> <sup>2</sup> <i>Montreal Neurological Hospital-Institute, Department of Neurology and Neurosurgery, and of Physiology</i>
50	<b>DETERMINING THE EFFECTS OF EARLY LIFE SEIZURES ON HIPPOCAMPAL CA2 PYRAMIDAL NEURONS</b> Jeff Correa, Aycheh Al-Chami, Ting-Ting Wang, Chris Correa, Hongyu Sun  <i>Carleton University</i>
51	<b>TOWARDS A HUMAN CELL CO-CULTURE MODEL OF EPILEPTIC FOCI</b> Amelinda Firdauzy <sup>1</sup> , Lisa Lin <sup>2</sup> , Lisa Julian <sup>2</sup>  <sup>1</sup> <i>Simon Fraser University</i> <sup>2</sup> <i>Department of Biological Sciences; Centre for Cell Biology, Development, and Disease; Simon Fraser University, Faculty of Science</i>
52	<b>CHARACTERIZATION OF NEUROGENIC FATE DECISIONS IN TSC2-/- INDUCED PLURIPOTENT STEM CELL-DERIVED MODEL</b> Lisa Lin, Shama Nazir, George Allen, Lisa Julian  <i>Simon Fraser University</i>
53	<b>WITHDRAWN</b>
54	<b>IMPACT OF THE UNFOLDED PROTEIN RESPONSE ON NEURAL STEM CELL DEVELOPMENT</b> Shama Nazir, Amelinda Firdauzy, Nicole Vukasovic, Lisa Julian  <i>Simon Fraser University</i>
55	<b>MODELING HYPEREXCITABILITY IN CEREBRAL ORGANOID</b> Alexandra Santos <sup>1,2</sup> , George Nader <sup>1,2</sup> , Afifa Saleem <sup>1,2</sup> , Liliana Attisano <sup>2</sup> , Peter L. Carlen <sup>1,2</sup>  <sup>1</sup> <i>Krembil Research Institute</i> <sup>2</sup> <i>University of Toronto</i>
56	<b>VIMENTIN DISTINGUISHES ACUTE ONGOING GLIOSIS FROM GFAP-REACTIVE CHRONIC GLIOSIS IN HIPPOCAMPAL SCLEROSIS</b> Harvey Sarnat  <i>University of Calgary Cumming School of Medicine</i>
57	<b>WITHDRAWN</b>



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58	WITHDRAWN
59	WITHDRAWN
60	<p><b>MOLECULAR AND CIRCUIT MECHANISMS OF DEVELOPMENTAL EPILEPTIC ENCEPHALOPATHIES ASSOCIATED WITH GAIN OF FUNCTION MUTATIONS IN CACNA1A</b></p> <p>Samuel Boris Tene Tadoum<sup>1</sup>, Ruggiero Francavilla<sup>1</sup>, Alexandros Hadjinicolaou<sup>2</sup>, Marisol Lavertu-Jolin<sup>2</sup>, Mathieu Lachance<sup>2</sup>, Graziella DiCristo<sup>1</sup>, Elsa Rossignol<sup>1,3</sup></p> <p><sup>1</sup>CHU Ste Justine Research Center, Department of Neuroscience, Université de Montréal  <sup>2</sup>CHU Ste-Justine Research Center  <sup>3</sup>CHU Ste-Justine Research Center, Department of Pediatrics, Université de Montréal</p>
61	<p><b>INVESTIGATING THE ROLE OF PIGB IN THE MIGRATION OF GABAERGIC INTERNEURONS IN A MOUSE MODEL OF EPILEPTIC ENCEPHALOPATHY</b></p> <p>Ikram Toudji<sup>1</sup>, Praveen K. Raju<sup>1</sup>, Karolanne Toulouse<sup>1</sup>, Tuyet M. Nguyen<sup>2</sup>, Lara Eid<sup>1</sup>, Alexis Lupien-Meilleur<sup>2</sup>, Mathieu Lachance<sup>2</sup>, Marisol Lavertu-Jolin<sup>2</sup>, Philippe Campeau<sup>3</sup>, Elsa Rossignol<sup>1,3</sup></p> <p><sup>1</sup>CHU Sainte-Justine Research Center, Neurosciences Department, Université de Montréal  <sup>2</sup>CHU Sainte-Justine Research Center  <sup>3</sup>CHU Sainte-Justine Research Center, Pediatrics Department, Université de Montréal</p>
62	<p><b>MITOCHONDRIAL UNCOUPLER 2,4-DINITROPHENOL AMELIORATES POSTICTAL HYPOXIA BY DAMPENING BRAIN REACTIVE OXYGEN SPECIES PRODUCTION</b></p> <p>Bianca R Villa<sup>1</sup>, Antis G George<sup>1</sup>, Timothy E Shutt<sup>1</sup>, Patrick G Sullivan<sup>2</sup>, Jong M Rho<sup>3</sup>, G Campbell Teskey<sup>1</sup></p> <p><sup>1</sup>University of Calgary  <sup>2</sup>University of Kentucky  <sup>3</sup>University of California San Diego</p>
<b>NO.</b>	<b>EPILEPSY SURGERY</b>
63	<p><b>SURGICAL TIME REDUCTION IN ROBOT-ASSISTED DEPTH-ELECTRODE IMPLANTATION AND ITS POTENTIAL COST-BENEFIT</b></p> <p>Juan Bottan<sup>1</sup>, Holger Joswig<sup>2</sup>, Ruediger Noppens<sup>1</sup>, Andrew Parrent<sup>1</sup>, Keith MacDougall<sup>1</sup>, Sandrine de Ribaupierre<sup>1</sup>, Jorge Burneo<sup>1</sup>, David Steven<sup>1</sup></p> <p><sup>1</sup>Western University  <sup>2</sup>Ernst von Bergmann Hospital</p>
64	<p><b>LONG-TERM OUTCOMES OF PEDIATRIC EPILEPSY SURGERY: INDIVIDUAL PARTICIPANT DATA AND STUDY LEVEL META-ANALYSES</b></p> <p>Tristan Brunette-Clément<sup>1</sup>, William Harris<sup>2</sup>, Andrew Wang<sup>3</sup>, H. Westley Phillips<sup>3</sup>, Christian von der Brelie<sup>4</sup>, Alexander Weil<sup>1</sup>, Aria Fallah<sup>3</sup></p> <p><sup>1</sup>Division of Neurosurgery, Ste. Justine University Hospital, University of Montreal  <sup>2</sup>Department of Neurosurgery, University of Colorado  <sup>3</sup>Department of Neurosurgery, University of California  <sup>4</sup>Georg August University Medical Center</p>
65	<p><b>MAGNETIC RESONANCE-GUIDED LASER INTERSTITIAL THERMAL THERAPY FOR DRUG-RESISTANT EPILEPSY: AN INDIVIDUAL PARTICIPANT DATA META-ANALYSIS</b></p>



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	<p>Jia-Shu Chen<sup>1</sup>, Audrey-Anne Lamoureux<sup>2</sup>, Nathan Shlobin<sup>3</sup>, Sami Obaid<sup>2</sup>, Adil Harroud<sup>4</sup>, Lior Elkaim<sup>4</sup>, George Ibrahim<sup>5</sup>, Dang Nguyen<sup>6</sup>, Aria Fallah<sup>7</sup>, Alexander Weil<sup>8</sup></p> <p><sup>1</sup>The Warren Alpert Medical School of Brown University  <sup>2</sup>Sainte Justine Hospital, University of Montreal  <sup>3</sup>Northwestern University  <sup>4</sup>McGill University  <sup>5</sup>The Hospital for Sick Children  <sup>6</sup>University of Montreal  <sup>7</sup>University of California  <sup>8</sup>University of Montreal Hospital Center (CHUM)</p>
66	<p><b>DEPRESSION AND SUICIDE AFTER TEMPORAL LOBE EPILEPSY SURGERY: A SYSTEMATIC REVIEW</b>  R Grace Couper<sup>1</sup>, Christopher Hue<sup>2</sup>, Tresah Antaya<sup>2</sup>, Manuel Herrera<sup>3</sup>, Jaime Parra<sup>4</sup>, Jorge Burneo<sup>2</sup>, Ana Suller-Marti<sup>2</sup></p> <p><sup>1</sup>London Health Sciences Centre  <sup>2</sup>Western University  <sup>3</sup>Instituto Nacional de Ciencias Neurológicas  <sup>4</sup>Hospital San Rafael</p>
67	<p><b>PATIENT REPORTED QUALITY OF LIFE BEFORE AND AFTER INSULAR RESECTION FOR PATIENTS WITH EPILEPSY</b>  Mostafa Fatehi Hassanabad, Sandra Wahby, Colin Josephson, Paolo Fredrico, Samuel Wiebe, Walter Hader</p> <p>University of Calgary</p>
68	<p><b>PREOPERATIVE EPILEPTIC NETWORK ARCHITECTURE CONSTRAINS SURGERY-INDUCED CONNECTOME REORGANIZATION</b>  Sara Lariviere<sup>1</sup>, Bo-yong Park<sup>2</sup>, Jessica Royer<sup>1</sup>, Jordan DeKraker<sup>1</sup>, Yifei Weng<sup>3</sup>, Birgit Frauscher<sup>1</sup>, Ruoting Liu<sup>3</sup>, Golia Shafiei<sup>1</sup>, Bratislav Misic<sup>1</sup>, Andrea Bernasconi<sup>1</sup>, Boris Bernhardt<sup>1</sup></p> <p><sup>1</sup>MNI  <sup>2</sup>Inha University  <sup>3</sup>Nanjing University</p>
69	<p><b>SEIZURE AND COGNITIVE OUTCOMES OF ANTERIOR TEMPORAL LOBECTOMY VERSUS SELECTIVE AMYGDALOHIPPOCAMPECTOMY FOR TEMPORAL LOBE EPILEPSY</b>  Sandra Wahby, Lisa Partlo, Neelan Pillay, Colin Josephson, Paolo Federico, Samuel Wiebe, Walter Hader</p> <p>University of Calgary</p>
70	<p><b>SEIZURE AND COGNITIVE OUTCOMES OF TEMPORAL LOBE EPILEPSY SURGERY IN PATIENTS OLDER THAN 50 YEARS</b>  Sandra Wahby, Lisa Partlo, Neelan Pillay, Colin Josephson, Paolo Federico, Samuel Wiebe, Walter Hader</p> <p>University of Calgary</p>



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