

PEDIATRIC RESEARCH DAY

MAY 15, 2019



Keynote Speaker:
DONALD MABBOTT
SickKids Hospital
2 pm ECHA 2-190

PROGRAM



UNIVERSITY OF ALBERTA
FACULTY OF MEDICINE & DENTISTRY
Department of Pediatrics



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Pediatric Research Day

May 15, 2019

WELCOME MESSAGE

Dear colleagues,

It is my pleasure to welcome you to the Department of Pediatrics annual research day. We have a large number of excellent oral and poster presentations that will highlight the research expertise and research strength of the department and partner sites. It is gratifying to see how many of these presentations originate from our trainees. We are also lucky to have Donald Mabbott as our keynote speaker, presenting on developmental neuropsychology in children. Please enjoy the research day.

Gary Lopaschuk

Associate Chair, Research
Department of Pediatrics

Pediatric Research Day Committee: Gary Lopaschuk (chair), David Eisenstat, Zeenat Ladak, Qutuba Karwi, Alvaro Osornio Vargas, Sujata Persad, Carmen Rasmussen, Bev Wilson

KEYNOTE SPEAKER



Donald Mabbott received his PhD in developmental psychology at the University of Alberta (1998) and then completed a postdoctoral fellowship at The Hospital for Sick Children (SickKids) with Mary Lou Smith.

Immediately prior to taking his current position at SickKids, Mabbott worked with the Northern Alberta Children's Cancer Program at the Cross Cancer Institute (Edmonton, AB). He currently is the program head of Neurosciences and Mental Health at SickKids, a psychologist with the Pediatric Brain Tumor Program in the Division of Hematology/Oncology, a senior scientist at SickKids, and a professor in the Department of Psychology at the University of Toronto.

Mabbott provides clinical neuropsychology services to children with brain tumours and their families. He has a research program in developmental neuropsychology. He uses a combination of neuroimaging and behavioural techniques to understand the relationship between neural damage and cognitive deficits in children treated for brain tumours.



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Time	Activity	Location
7:30 a.m. – 8:30 a.m.	Registration Continental Breakfast	ECHA 3-470 South Atrium
8:30 a.m.	Poster set-up (must be completed by 8:30 a.m.)	ECHA Level 2 Main Street
Welcome & Introductions		
8:30 a.m. – 8:45 a.m.	~ Gary Lopuschuk – Assoc. Chair, Pediatrics ~ Susan Gilmour – Chair, Pediatrics ~ Lawrence Richer – Assoc. Director, WCHRI ~ David Eisenstat – iHOPE	ECHA 2-190 Lecture Theatre
8:45 a.m. – 10 a.m.	Oral Presentations – Session 1 Chair – Gary Lopuschuk	ECHA 2-190 Lecture Theatre
10 a.m. – 10:30 a.m.	Morning Break	ECHA 2-190 Lecture Theatre Foyer
10:30 a.m. – 11:30 a.m.	Poster Presentations – Viewing 1	ECHA Level 2 Main Street
10:30 a.m. – 11:30 a.m.	Oral Presentations – Session 2 Chair – Qutuba Karwi	ECHA 2-190 Lecture Theatre
11:30 a.m. – 1 p.m.	Lunch	ECHA 3-470 South Atrium
1 p.m. – 2 p.m.	Poster Presentations – Viewing 2	ECHA Level 2 Main Street
1 p.m. – 2 p.m.	Oral Presentations – Session 3 (iHOPE) Chair – David Eisenstat	ECHA 2-190 Lecture Theatre
2 p.m. – 3 p.m.	Keynote Speaker ~ Donald Mabbott “Saving Time in a Bottle: White Matter Plasticity, Neural Communication and Cognition	ECHA 2-190 Lecture Theatre
3 p.m. – 3:45 p.m.	Oral Presentations – Session 4 (iHOPE) Chair – Beverly Wilson	ECHA 2-190 Lecture Theatre
3:45 p.m. – 4:00 p.m.	Afternoon Break	ECHA 2-190 Lecture Theatre Foyer
4:00 p.m. – 4:45 p.m.	Poster Presentations – Viewing 3	ECHA Level 2 Main Street
4:00 p.m. – 4:45 p.m.	Oral Presentations – Session 5 Chair – Sujata Persad	ECHA 2-190 Lecture Theatre
4:45 p.m. – 5:00 p.m.	Closing remarks Prize announcements ~ Gary Lopuschuk	ECHA 2-190 Lecture Theatre

ORAL PRESENTATIONS – SESSION 1

Maryam Kebbe (Graduate Student) – Facilitating communication and health behaviour change among adolescents with obesity
Heather Armstrong (Postdoctoral Fellow) – The IBD’s and IBDon’t of dietary fibers in IBD: defining how microbes shape the path to diet-associated inflammation, and guide diet-based therapies
Soni Shubham (Graduate Student) – Skeletal muscle-specific knock-out of succinyl-CoA:3-ketoacid-CoA transferase (SCOT) prevents the decline in cardiac function during heart failure
Samina Ali (Faculty) – SKIP: Solutions for Kids in Pain
Kelsea Drall (Graduate Student) – *Clostridioides difficile* colonization is differentially associated with gut microbiota composition in breastfed versus formula fed infants

ORAL PRESENTATIONS – SESSION 2

Peter Anto Johnson (Graduate Student) – Novel technologies for heart rate assessment during asphyxia in a swine model of neonatal resuscitation: the digital stethoscope and a tap-based smartphone app
Emily Zehnder (Graduate Student) – Neonatal intubation through the eyes of the experts
Karen Forbes (Faculty) – A team-based learning approach to promote clinical reasoning in a pediatric clerkship
Golam Mezbah Uddin (Postdoctoral Fellow) – A cardiac specific branched chain aminotransferase deletion increases insulin stimulated glucose oxidation in the mouse heart

ORAL PRESENTATIONS – SESSION 3

Sneha Suresh (Faculty) – Homozygosity for novel CARD11 mutation causes severe combined immunodeficiency (SCID), inflammatory gastrointestinal disease, and complete abrogation of MALT1 activity
Nicholas Ruel (Graduate Student) – Equilibrative nucleobase transporter 1 mediates 6-mercaptopurine uptake and cytotoxicity in leukemia cell lines
Joseph Kirk (Undergraduate Student) – Early psychosocial contact for adolescents and young adults (AYA) with cancer: The impact of AYA oncology navigator
Maria Spavor (Faculty) – A comparison of two models of follow-up care for adult survivors of childhood cancer

ORAL PRESENTATIONS – SESSION 4

Ghazal Babolmorad (Graduate Student) – Exploring the key role of TLR4 in cisplatin induced ototoxicity
Karina Black (Allied Health) – Supplanting cytomorphology with flow cytometric immunophenotyping for identifying leukemia in cerebrospinal fluid of pediatric patients.
Charlene Nielsen (Postdoctoral Fellow) – The outdoor environment of being born too small or too soon in Canada

ORAL PRESENTATIONS – SESSION 5

Stephanie Perrin (Undergraduate Student) – Breaking barriers in communication: Developing a graphic novel for education of heart transplant teenagers
Qasim Mian (Subspecialty/Resident) – Solar-powered oxygen delivery: An innovative and cost-effective intervention to treat childhood pneumonia in low-resource settings
Kim Ho (Graduate Student) – Ketones can become the major fuel for the heart

POSTER PRESENTATIONS

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
1	Istahil Abdullahi	Kevin Dietrich, David D. Eisenstat; Lesley Mitchell	Hemostatic factor gene expression by Wilms' tumor and Neuroblastoma cells: Investigating a potential novel mechanism augmenting metastasis.
2	Ghada Aborkhees	Kevin Dietrich, Lesley Mitchell	Role of leukemic cells in haemostatic abnormalities in paediatric acute lymphoblastic leukemia: a novel mechanism for risk for venous thromboembolism during chemotherapy.
3	Yasser Abuetabh	Roger Leng	REGULATION OF p53 AND ITS-E3/E4 UBIQUITIN LIGASES BY Wip1.
4	Zaid H. Maayah	Abrar Alam, David D. Eisenstat, Jason RB Dyck	Resveratrol attenuates doxorubicin-induced injury and later onset hypertension-induced cardiomyopathy through the inhibition of NLRP3 inflammasome signaling.
5	Janine Gallego	Mikaela Nevin, David D. Eisenstat	Role of Dlx2 in regulation of cell fate determination in the developing forebrain.
6	Qiang Jiang	Jamie Zagozewski, Sara Japoni, Roseline Godbout, David D. Eisenstat	DLX1/DLX2 represses oligodendroglialogenesis by direct-binding and transcriptional inhibition of Olig2 expression in the developing forebrain.
7	Mostafa Khairy	Elizabeth Garcia, David D. Eisenstat, Jerome Yager, Sujata Persad	Sulforaphane Exhibits Anti-cancerous Effects on U251 Glioblastoma Cells in Culture.
8	Takaaki Landry	Noureen Ali, Elizabeth Garcia, Jonathan Bush, Mary Hitt, David D. Eisenstat, Sujata Persad	Active-Beta-Catenin (ABC) As a Prognostic Marker for Osteosarcoma Progression.
9	Zixuan Li	Maryam Hejazi, Jamie Zagozewski, David D. Eisenstat	Genetic regulation of retinal cell subtype formation in the developing mouse retina.
10	Sara Moradipoor	Andrew Ho, Shunzhen Zhang, David D. Eisenstat	DLX regulation of pancreatic islet cell development.
11	Mikaela Nevin	J. Gallego, X. Song, O Becher, R. Godbout, DA Underhill, DD. Eisenstat	Role of DLX genes in regulation of cell fate decisions in the developing forebrain: Implications for understanding normal oligodendrocyte development and pediatric high-grade glioma.
12	Paula Ospina	A. McComb, LE Pritchard-Wiart DD Eisenstat ML McNeely	Physical therapy interventions in children and adolescents before, during and following treatment for cancer: A Cochrane Systemic Review.
13	Marta Rojas Vasquez	K. Lemire, N. Lotey, M Diachinsky, S. Desai	Congenital Juvenile Myelomonocytic Leukemia (JMML) presenting with SH2B3 germline mutation and good response to mercaptopurine: Case Report.

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
14	Michelle Dang	Doha Anwar, Sasia Pedersen, Stuart Lau, Aisha Bruce MD	Trends in the Management of Iron Deficiency Anemia by Pediatric Hematologists.
15	Osnat Wine	Osmar R. Zaiane and Alvaro R. Osornio Vargas on behalf of the DoMiNO Project Team	The study of pollutant mixtures and adverse birth outcomes using innovative spatial data mining methods as a case to explore collaborative research.
16	Charlene Nielsen	Carl Amrhein (Geography – Aga Khan University) and Alvaro R. Osornio Vargas	A spatial scoping review of the outdoor environment and SGA and LBW in U.S.A. and Canada.
17	David Burnett	Jason Yap, Dina Kao, Justine Turner	Fecal Microbiota Transplant for Recurrent <i>Clostridium difficile</i> Infection: A Single Center Pediatric Experience.
18	Claudia Maki	Samina Ali, Jianling Xie, Bonita E. Lee MD, Timothy A.D. Graham, Otto Vanderkooi, Shannon E. MacDonald, Naveen Poonai, Jennifer Thull-Freedman, Manasi Rajagopal, Nadia Dow, Mithra Sivakumar, and Stephen B. Freedman on behalf of the Alberta Provincial Pediatric EnTeric Infection TEam (APPETITE Team) and Pediatric Emergency Research Canada (PERC)	Characterizing Pain in Children with Acute Gastroenteritis in the Emergency Department.
19	Robin Manaloor	Samina Ali, Keon M, Mithra Sivakumar, Ben Vandermeer, Tanya N. Eran, Shannon Scott, Timothy A.D. Graham, Sarah Curtis, Hsing Jou, Lisa Hartling	Humanoid robot-based distraction to reduce pain and distress during venipuncture in the pediatric emergency department: A randomized controlled trial.
20	Stevi Golden-Plotnik	MacKenzie Mori, Michael Van Manen, Amy Drendel, Naveen Poonai, Samina Ali	Caregiver perspectives on children's functional experiences after fracture: a qualitative study.
21	Janani Kassiri	Matt Wheatley, MD, PhD; Laura Schmitt, MD, PhD; Thilinie Rajapakse, MD; Cameron Elliott, MD; Barry Sinclair, MD	Surgical Pediatric Temporal Epilepsy: more than meets the eye!
22	Amanda Yaworksi	Jerome Yager, Janette Mailo, Lawrence Richer, Thillinie Rajapakse, Janani Kassiri	Creation of a Rapid Access Clinic – Improving Urgent Care for Pediatric Neurology Patients.
23	Geraldine Huynh	Po-Yin Cheung, Tze-Fun Lee, Meagan O'Reilly, Gerog M. Schmolzer	IdeaL: a multi-centre prospective infliximab dose to level pharmacokinetic study during induction in paediatric Crohn's disease.
24	Harrison Azinger	Sara A. Elliott, Lisa Hartling	Making child health evidence usable to the public: what do parents want?

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
25	Ratika Srivastava	Oriana Shaw, Edward Armstrong, Francois-Dominique Morneau-Jacob, Jerome Y. Yager	Patterns of injury in perinatal arterial ischemic stroke and infantile spasms.
26	Allison Gates	Michele P. Dyson	Infographics to promote trialists' awareness and uptakes of the Standards for Research in Child Health: development and usability evaluation.
27	Nicole D. Gehring	Geoff Ball, Stacey Belanger, Tracey Bridger, Jean-Pierre Chanoine, William T. Gibson, Stasia Hadjiyannakis, Jess Haines, Jill Hamilton, Andrea Haqq, Josephine Ho, Brittany Irvine, Laurent Legault, Paola Luca, Jonathon Maguire, Amy McPherson, Katherine Morrison, Stephan Oreskovich, Gita Wahi, Rosanna Weksberg, Lonnie Zwaigenbaum, Catherine Birken	Severe Obesity and Global Developmental Delay in Preschool Children: Preliminary finding from a Canadian Paediatric Surveillance Program.
28	Michelle Gates	Lisa Hartling, Jocelyn Shulhan-Kilroy, Tara MacGregor, Samantha Guitard, Aireen Wingert, Robin Featherstone, Ben Vandermeer, Naveen Poonai, Janeva Kircher, Shirley Perry, Tim Graham, Shannon D Scott, Samina Ali	Effectiveness of digital technologies as a distraction for acute pain in children: a systemic review and meta-analysis.
29	Rashid Alobaidi	Catherine Morgan Sumit R. Majumdar Sean M. Bagshaw	Acute Kidney Injury and Fluid Overload in Critically ill Children.
30	Bipasha Choudhury	Victor Mocanu, Jason Brophy, Fatima Kakkar, Ali Binun, Lindy Samson, Stanley Read, Hugo Soudeyans, Michael Hawkes, EPIC4	Intestinal epithelial injury is associated with systemic inflammation in vertically HIV-1 infected children.
31	Cameron Elliot	BM Wheatley, K Narvacan, J. Kasser, S. Carline, DB Sinclair	Safety and Efficacy of Stereoelctroencephalography in Pediatric Epilepsy Surgery.
32	Ngoc Khanh Vu	U Rai, RS Chari, DS Guttman, AB Becker, MB Azad, PJ Mandhane, MR Sears, DL Lefebvre, TJ Moraes, SE Turvey, P Subbarao, JA Scott, AL Kozyrskyk	Beyond Caesarean Birth: Impact of Birth Characteristics on Infant Gut Microbiota.
33	Aaron van der Leek	Sarah Bridgman, Catherine J. Field, Anne Hicks, Yarden Yanishevsky, Meghan B. Azad, Allan B. Becker, Piushkumar J. Mandhane, Malcolm R. Sears, Stuart E. Turvey, Theo Moraes, Padmaja Subbarao, James A. Scott, and Anita L. Kozyrskyj, CHILD Study Investigators	Risk Factors for Respiratory Infections at Three Months of Age in the CHILD Cohort.

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
34	Chinwe Obiakor	Meghan B. Azad, Theodore Konya, David S. Guttman, Allan B. Becker, Piushkumar J. Mandhane, Theo J. Moraes, Malcom R. Sears, Stuart E. Turvey, Padmaja Subbarao, James A. Scott, Anita L. Kozyrskyj, and the CHILD Study Investigators	Dose-dependent Relationship between Infant Antibiotic Exposure and the Gut Microbiota Composition at 12 Months of Age.
35	Sarah Raza	Lonnie Zwaigenbaum, Lori-Ann Sacrey, Vickie Armstrong, Azadeh Kushki, Susan Bryson, Jessical Brian, Isabel M. Smith, Peter Szatmari, Tracy Vaillancourt, Nancy Garon, Louis A. Schmidt	Characterizing Emotion in Infants at Risk for Autism Spectrum Disorder Using a Behavioural-Physiological Approach
36	Natalie Marsden	Jenni Marshall, Jonathan White	Surgery ABCs: A Healthcare Podcast for Kids
37	Bridget Gibson	Claire McNiven, Meghan Sebastianski, Robin Featherstone, Rabin Persad, Joan Robinson	Antimicrobial lock solutions for prevention of central venous catheter infection in pediatric patients with intestinal failure
38	Rhonda Rosychuk	Brian H. Rowe	Lengths of Stay of Children Presenting to High Volume Emergency Departments Varies by Type of Facility
39	Simran Pherwani	Golam Uddin, Liyan Zhang, Arata Fukushima, Cory S. Wagg, Tariq Attamimi, Jaimmi Boisvenue, Gary D. Lopaschuk	Enhanced Branched Chain Amino Acid catabolism improves contractile function in the failing heart
40	Qutuba Karwi	Cory S. Wagg, Tariq Altamimi, Gary D. Lopaschuk (Cardiovascular Research Centre)	Mitochondrial protein kinase B (AKT) translocation mediates insulin-stimulated cardiac glucose oxidation
41	Marcus O'Neill	Nadia Browne, Maryam Kebbe, Nicole Gehring, Josephine Ho, Heidi Virtanen, Cheyanne Hinkley, Nicholas Spence, Suja Srikameswaran, Joanna Zelichowska, Katherine Morrison, Rebecca Gokiart, Louise C. Masse, Nicholas Holt, Jennifer Kuk, Valerie Carson, Josie Geller, Geoff D.C. Ball	Youth and Parent Motivation to Change Lifestyle Habits: Preliminary Findings from the Readiness and Motivation Interview for Families (RMI Family) Study
42	Simran Ghoman	M. Cutumisu, MRG Brown, GM Schmolzer	RETAIN board game training simulator as a summative assessment tool to evaluate healthcare professionals' neonatal resuscitation knowledge
43	Sparsh Patel	PY Cheung, TF Lee, M. O'Reilly, GM Schmolzer	Varying Peak Inflation Pressures Sustained with Chest Compressions and their Effect on Return of Spontaneous Circulation in a Porcine Model of Asphyxia
44	Mosarrat Qureshi	Prakesh S. Shah, Dalal Abdelgadir, Xiang Y. Ye, Jehier Afifi, Ryan Yuen, Sara Calderon, Barbara Taylor, Khorshid Mohammad, Bruno Piedboeuf, Khalid Aziiz on behalf of the Canadian Neonatal Network	Prophylactic indomethacin: The impact on brain and gut injury may be gestation age dependent.

Note: Poster presenters must be at their posters for judging during the following times:
10 –10:30 a.m., 11:30 a.m. – 1 p.m., and 3:45 – 4 p.m.

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
45	Stephanie Dijk	Rosica Valcheva, Megan Jarman, Morgan Lawley, Heather Armstrong, Matthew Carroll, Hien Huynh, Eytan Wine	Diet and the Intestinal Environment in Pediatric Crohn Disease.
46	Kathryn Kryska	Jacque Pei, Vannesa Joly, Aamena Kapasi, Sandy Hodgetts, Lynne Abele-Webster, and Carmen Rasmussen	Understanding self-regulation strategies in adolescents with FASD: An intervention study.
47	Jessica Foulds	Karen Forbes, Hasu Rajani	The Paediatrician as a Leader: An Educational Intervention for High-Value Care
48	Christopher Clarke	Robert O. Opoka, Namasopo Sophie, Kasereka Masumbuko Claude, Yiming Huang, Qaasim Mian, Michael T. Hawkes	Availability of therapeutic oxygen on pediatric wards in Uganda and Eastern Democratic Republic of the Congo
49	Claudia Holody	Andrew G. Woodman, Rowan Carpenter, Helene Lemieux, Stephanie L. Bourque	Effect of perinatal iron deficiency on neonatal cardiac mitochondrial function.
50	Andrew Woodman	Richard Mah, Danae Keddie, Ronan Noble, Sareh Panahi, Ferrante Gragasin, Helene Lemieux, Stephane Bourque	Perinatal Iron Deficiency and a High Salt Diet in Adulthood Sex-Dependent Hypertension, Renal Mitochondrial Dysfunction, and Oxidative Stress
51	Sachie Shigemitsu	Kandice Mah, Richard Thompson, Justin Grenier, Lily Lin, Amal Silmi, Mirza Beigh, Nee Khoo, Timothy Colen	Tricuspid valve prolapse in children with hypoplastic left heart syndrome patients requiring tricuspid valve repair is due to leaflet mal-adaptation, not sub-valve changes – a quantitative three-dimensional echocardiography study
52	Yozo Teramachi	Lisa K Hornberger, Lisa Howley, Mary E van der Velde, Luke G Eckersley	Left Ventricular Dysfunction is a Common Feature of Neonatal Ebstein's Anomaly and Tricuspid Valve Dysplasia But Not Pulmonary Atresia With Intact Ventricular Septum
53	Mirza Beigh	Ganesh Gnanappa, Nee Khoo, Joseph Atallah, Mihal Kantoch, Carolina Escudero, Luke Eckersley	A novel measure of dyssynchrony outperforms traditional measures during RV pacing in pediatric patients.
54	Amol Moray	Dr. Joseph Pagano	Cardiac magnetic resonance parameters associated with surgery in a pediatric and young adult population with chronic aortic regurgitation.
55	Lauren Ryan	Dr. Ari Joffe	Survival and Neurodevelopmental Outcome After Non-Cardiac Extracorporeal Life Support.
56	Marisha McClean	Daniel Kim, Mohammed Al-Aklabi, Joseph Atallah, Charles Larson, Cameron Seaman	Undiagnosed Atypical Kawasaki Disease Presenting with Sudden Cardiac Arrest Due to Myocardial Ischemia.

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
57	Tiffany B. Kim	Yaron Avitzur MD; Lavinia Ionescu, MD, PhD; Upton Allen, MD; Seema Mital MD; Bethany Foster, MD; Lorraine Hamiwka, MD; Tom Blydt-Hansen, MD; Patricia Birk, MD; Veronique Phan, MD; Simon Urschel, MD	High prevalence of allergic disorders but no specific immune phenotype pattern in children awaiting transplantation.
58	Amanda Greenwell	Keshav Gopal, Tariq Altamimi, Malak Almutairi, Jennifer Kruger, Farah Eaton, Rami Al Batran, John R. Ussher	Cardiac Glucose Oxidation Rates are Impaired and a Possible Pharmacological Target for Mitigating Heart Failure in Barth Syndrome.
59	Zeenat Ladak	Elizabeth Garcia, Edward A. Armstrong, Jenny Yoon, Sujata Persad, Jerome Yager	Sulforaphane Protects Neurons from Oxygen and Glucose Deprivation.
60	Irina Simin	Alexis Fong-Leboeuf, Andy Le Dr. Debra Andrews	Developing Skills for Developmental Disabilities: Pre-clinical elective experience enhances medical students' confidence in various settings.
61	Khushmol Dhaliwal	Lucila Triador, Caroline Richard, Andrea M. Haqq, Lonnie Zwaigenbaum	Assessing the role of appetite hormones in pediatric populations with overweight and obesity and Autism Spectrum Disorder (ASD).
62	Mohammad-Hossein Doosti	Ane-Marie Terese Przyslupski, Edward Armstrong, Jerome Yager	The Effect of Post Ischemic Hypothermia (PIH) on Energy Regulation in the Core and Penumbra following Perinatal Brain Injury
63	Ashley Radomski	Alexa Bagnell, Sarah Curtis, Lisa Hartling, Amanda Newton	Examining the usage, perceived impact and user experience of an Internet-based cognitive behavioural therapy program for adolescents with anxiety: Results from a randomized controlled trial.
64	Richelle Waldner	Dr. Manpreet Doulla	ABCC8 Heterozygous Loss-of-Function Mutation in an Adolescent: Clinical Presentation and Response to Sulfonylurea Monotherapy.
65	Kate Potter	Leah Rusnell, Greg Korbitt, Elizabeth Rosolowsky, Tamizan Kherani, Andrea Haqq	Use of flash glucose monitoring to screen for dysglycemia in pediatric patients with cystic fibrosis: a Feasibility Study.
66	Bruce Motyka	Jordana Fersovich, Ibrahim Adam, Jean Pearcey, Kesheng Tao, Christopher W. Cairo, Peter J. Cowan, and Lori J. West	ABO Tolerance Following Treatment of Infant Mice with A-Expressing MHC-Identical Erythrocytes.
67	Tate MacDonald	Matthew Saurette, Todd Alexander	Investigating the difference in inorganic and organic phosphate bioavailability.
68	Sean Bryan	Alvaro Osornio Vargas, Charlene Nielsen, Brenda Clark, Lonnie Zwaigenbaum, Helly Goez	Environmental immunotoxicants and autism.
69	Gurpreet Khaira	Ari Joffe, Gonzalo Guerra, Charlene Robertson	Identifying Characteristics Associated with Children with Complicated Glenn Procedures and Outcomes in a Single Institution.

Poster No.	Presenter	Co-Investigators/ Co-Authors	Abstract Title
70	Thilinie Rajapakse	J. Kassiri, E. Mathieu, M. Lindsell, T Xin M. Matta, P. Katlariwala, C. Beaulieu, L. Richer	Alterations in Brain Structure in Pediatric Migraine
71	Dusan Avramovic	N/A	Certain properties of the natural mineral water suitable for hydration in children.
72	Laura Carter	Grace Shoyele, Sarah Southon, Rabin Persad, Anna Farmer, Vera Mazuark, Kim Brunet Wood	Screening for pediatric malnutrition at hospital admission: Which screening tool is best.
73	Nam Nguyen	Maryam Kebbe	Referrals for Pediatric Weight Management – A role for Public Health Nurses
74	Kiera Pajunen	Dr. Edythe Tham	CMR assessment of aortopathy in pediatric Turner syndrome.
75	Shirley Perry	Betty Ann Thibodeau, Sarah Southon, Deb Olmstead, Wendy Beaudoin, Shirley Perry, Karen Johnston, Jolene Issel, Laura Jurasek Tamara Dorfman, Lori Bliss, Hanna Moore for the Stollery ANP Group	Parent's Satisfaction with Pediatric Nurse Practitioner Care at a Tertiary Hospital.
76	Rafiaa Valji	Anne Hicks	All that Wheezes Isn't Asthma: a Missed Opportunity.

Acknowledgements

Thank you to the judges and support staff for your contributions.

Judges

Joseph Attallah	Gary Lopaschuk
Lola Baydala	Janette Mailo
Stephen Bourque	Sarah McKillop
Aisha Bruce	Francois-Dominique Morneau-Jacob
Sylvie Cormier	Sujata Persad
Andrew Dixon	Carmen Rasmussen
Michele Dyson	Georg Schmolzer
David Eisenstat	Consolato Sergi
Jess Foulds	Alena Tse-Chang
Matt Hicks	Justine Turner
Abbas Hyderi	Jennifer Walton
Qutuba Karwi	Colin Wilbur
Jay Kassiri	Beverly Wilson
Manoj Kumar	Dawei Zhang
Bonita Lee	

Support Staff

Coordinators: Julie Paterson, Judith Chrystal

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Sue van Nispen, Tamara Vineberg
Patty Wark, Lynn Yang

Supporters

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