

***Joint McGill University & Université de Montréal
Pediatric Resident Research Day***

***Tuesday, April 3, 2018
MUHC Research Institute, Glen
Block E, Room ES1.1129***

**Posters: 11h30 - 13h00
Oral presentations: 13h00 - 17h00**



***Congrès de la recherche des résidents de
pédiatrie conjoint Université de Montréal &
Université McGill***

***Mardi le 3 avril 2018
Centre de Recherche CUSM, Glen
(Bloc E, Salle ES1.1129)***

**Affiches: 11h30 à 13h00
Présentations orales: 13h00 à 17h00**

Posters / Affiches
11:30 – 13:00

Residents R1-R3

Topic/Sujet	Presenter / Présentateur	Title/Titre
Emergency medicine Medecine d'urgence	Dr. Alexandre Deragon R3, Montreal Children's Hospital	Lung ultrasound in pediatric asthma patients: A pilot study characterizing findings during the methacholine-challenge Supervisor: Dr. Alexander Sasha Dubrovsky Co-authors: Marzook N, Gagnon F, Lands LC, Shapiro AJ, Zielinski D
	Dr. Catherine Rich R2, Montreal Children's Hospital	Partnering of a frontline healthcare team with a family advisor to improve acute asthma care in a pediatric emergency department: Cost-savings analysis Supervisor: Dr. Alexander Sasha Dubrovsky
Gastro-enterology Gastro-enterologie	Dr. Marie-Pier Dumas R3, Montreal Children's Hospital	Experience with the use of 70% ethanol locks in polyurethane and silicone central venous access devices (CVAD) in patients with long term home parenteral nutrition. Are polyurethane CVAD safe to use with ethanol locks? Supervisor: Dr. Ana Maria Sant'Anna Co-authors: Schaak G
Intensive care Soins intensifs	Dr. Alexandre Deragon R3, Montreal Children's Hospital	Treatment of severe bronchiolitis: A survey of Canadian pediatric intensivists Supervisor: Dr. Patricia Fontela Co-authors: Bradshaw M, Puliglanda P, Emeriaud G, Canakis AM
	Dr. Nehal Shata R1, Montreal Children's Hospital	Day-night activity rhythms are disrupted in children admitted to the Pediatric ICU after major surgery Supervisor: Dr. Sapna R. Kudchadkar Co-authors: Aljohani O, AlHarbi A, Jastaniah E, Gergen D, Nadkarni A, Johns J, Crainiceanu C, Punjabi N
Infectious diseases Maladie infectieuses	Dr. Maude Paquette R2, CHU Sainte-Justine	Sérologies IgM dans le diagnostic des infections à <i>Mycoplasma pneumoniae</i> : comparaison de cinq trousse Supervisor: Dr. Christian Renaud Co-authors: Fillastre T, Ouyang Y-M

Residents R4 and Fellows

Topic/Sujet	Presenter / Présentateur	Title/Titre
Allergy and Immunology Allergie et immunologie	Dr. John Molloy Fellow, Montreal Children's Hospital	Maternal antenatal folate levels and food allergy and eczema among the offspring Supervisor: Dr. Peter Vuillermin Co-authors: Collier F, Saffery R, Allen KJ, Koplin JJ, Ponsonby AL, Tang MLK, Ward AC, Martino C, Burgner D, Carlin JB, Ranganathan S, Symeonides C, Dwyer T
Gastro-enterology Gastro-enterologie	Dr. Abdulaziz Alahmari Fellow, Montreal Children's Hospital	Very early onset inflammatory bowel disease (VEOIBD) Supervisors: Dr. Najma Ahmed, Dr. Ana Maria Sant'Anna Co-authors: Nguyen V, Morinville VD
	Dr. Noémie Laverdure R6, CHU Sainte-Justine	Burkitt lymphoma after pediatric liver transplantation Supervisors: Dr. Fernando Alvarez, Dr. Alain Lachaux Co-authors: Patey N, Collardeau-Frachon S
Hematology-Oncology Hématologie-oncologie	Dr. Rawan Hammad Dr. Enass Raffa R4, Montreal Children's Hospital	OSA screening in patients with sickle cell anemia: A prospective study Supervisor: Dr. Sharon Abish Co-authors: Althubaiti A, Constantin E, Nguyen L, Lands L
Medical education Éducation médicale	Dr. Marie-Pier Guilbault R4, Montreal Children's Hospital	Reverse educational distance: Exploring a novel concept for enhancing residents-as-teachers curricula Supervisor: Dr. Elisa Ruano Co-author: Constantin E
Nephrology Néphrologie	Dr. Alaa Bamahmud Fellow, Montreal Children's Hospital	The chemotherapeutic drug Imatinib is associated with renal calculi in children Supervisor: Dr. Indra Gupta Co-authors: Mitchell D, Vezina C, Abish S, El-Sherbiny M, Jednak R
Neurology Neurologie	Dr. Abdulla Alawadhi R4, Montreal Children's Hospital	Immune deficiencies/dysregulations underpinning childhood limbic encephalitis: A case series and literature review Supervisor: Dr. Guillaume Sebire Co-authors: Wilson N, Alizadehfar R
Intensive care Soins intensifs	Dr. Nada Aljassim Fellow, Montreal Children's Hospital	Use of antibiotics in infants with bronchiolitis admitted to pediatric intensive care units Supervisor: Dr. Patricia Fontela Co-authors: Maratta C, Noel KC, Tam I, Papenburg J, Quach C, Thampi N, Dendukuri N, Lefevbre MA, O'Donnell S, Zavalkoff S

<p>General Pediatrics Pédiatrie générale</p>	<p>Dr. Julie Hebert R4, CHU Sainte-Justine</p>	<p>Counterfeit and substandard drugs – Evaluation of the concentrations of the active ingredients of acetaminophen and non-steroidal anti-inflammatory drugs (NSAIDs) in Benin Supervisor: Dr. Yves Théorêt Co-auteurs: Gbaguidi B, Bussièrès J-F, Kleiber N</p>
<p>Adolescent Medicine Médecine de l'adolescence</p>	<p>Dr. Stéphanie Proulx-Cabana R4, CHU Sainte-Justine</p>	<p>Prise en charge multidisciplinaire d'adolescents avec symptômes douloureux fonctionnels réfractaires Supervisor: Dr. Chantal Stheneur Co-authors: Taddeo D, Jamouille O, Fortin M-C, Picard L, Couillard J-A</p>

Oral Presentations / Présentations orales

13:00 – 17:00

Residents R1-R3

	Presenter/Présentateur	Titre / Title
13:00	Welcome and Introduction / Accueil et introduction	
13:05 - 13:17 Adolescent Medicine Médecine de l'adolescence	Dr. Maria Psihogios R3, Montreal Children's Hospital	Quality improvement survey: Comfort level of Canadian pediatricians, pediatric subspecialists, and family medicine doctors to offer care to gender variant youth Supervisors: Dr. Anne Marie Sbrocchi, Dr. Shuvo Gosh
13:17 - 13:29 Pediatrics Pédiatrie	Dr. Alexandra Zabeida R3, CHU Sainte Justine	Réévaluation du délai de vaccination post transfusion de globules rouges Supervisor: Dr. Nancy Robitaille Co-authors: Lebel MH, Renaud C
13:29 - 13:41 Genetics Genétique	Dr. Norah Nahhas R2, Montreal Children's Hospital	The yield of a unified screen for the investigation of inborn errors of metabolism in children with neurodevelopmental conditions: A retrospective chart review Supervisor: Dr. Iskra Peltekova Co-authors: Buhas D
13:41 - 13:53 NICU Néonatalogie	Dr. Florence Cayouette R3, CHU Sainte-Justine	High systemic blood pressure in preterm infants with bronchopulmonary dysplasia and neurodevelopmental outcomes Supervisors: Dr. Anie Lapointe, Dr. Véronique G. Dorval Co-authors: Spénard S, Sommer J, Nuyt A-M
13:53 - 14:05 Hematology-Oncology Hématologie-oncologie	Dr. Natalie Mathews R3, Montreal Children's Hospital	McGill interactive pediatrics oncogenetic guidelines (MIPOGG): Ependymoma Supervisors: Dr. William Foulkes, Dr. David Malkin, Dr. Anita Villani Co-authors: Goudie C
14:05 - 14:17 Infectious diseases Maladie infectieuse	Dr. Matthew Magyar R3, Montreal Children's Hospital	The clinical impact of multiplex respiratory virus testing on antibiotic use among young children hospitalized for brinchiolitis: A retrospective cohort study Supervisor: Dr. Jesse Papenburg Co-authors: Laverdure M, Moustaquim-Barrette M, Caya C, Schneider O, Fontela P, Korah N

14:17 - 14:29 Endocrinology Endocrinologie	Dr. Marie-Pier Dumas R3, Montreal Children's Hospital	Global pediatric care delivery: Clinical presentation, glycemic control and complications of type one diabetes in haitian youth receiving continuity of care in a clinical for non-communicable disease in Montrouis, Haiti Supervisor: Dr. Julia von Oettingen Co-authors: Sainvil M, Altenor K
14:29 - 14:50	BREAK/PAUSE Délibération des juges/ Judges' deliberation	

Présentations orales/Oral Presentations
R4 and Fellows / R4 et Moniteurs cliniques

	Presenter/Présentateur	Titre / Title
14:50 - 15:02 Emergency medicine Medecine d'urgence	Dr. Kristen Lambrinakos-Raymond Fellow, Montreal Children's Hospital	Emergency Department treatment of pediatric concussion-related pain: US National Trends from 2007-2015. Supervisor: Dr. Brett Burstein
15:02 - 15:14 Infectious Diseases Maladies infectieuses	Dr. Anne Tilmanne Fellow, CHU Sainte Justine	Enterpathogens in pediatric in gastroenteritis: Clinical interpretation of new tools results Supervisor: Caroline Quach Co-authors: Martiny D, Wautier M, Vandenberg O, Lepage P, Hallin M
15:14 - 15:26 Neurology Neurologie	Dr. Marcel Sévère R4, Montreal Children's Hospital	Profile of children with cerebral palsy and congenital malformations in Canada Supervisor: Dr. Maryam Oskoui Co-authors: Ng P
15:26 - 15:38 Gastro-enterologie Hepatology and Nutrition Hépatologie, Gastro-entérologie et nutrition	Dr. Pierre Poinot Fellow, CHU Sainte Justine	L'administration orale de Lactobacillus plantarum améliore la croissance juvénile par sensibilisation de l'axe somatotrope en situation de dénutrition chronique Supervisor: Dr. Ugur Halac Co-authors: Schwarzer M, Lambert A, Geoffroy S, Peretti N, Leulier F
15:38 - 15:50 Emergency medicine Medecine d'urgence	Dr. Jaryd Zumner Fellow, CHU Sainte-Justine	Emergency physician performed ultrasound-assisted lumbar puncture in a pediatric population; A randomized controlled trial Supervisor: Dr. Marie-Pier Dejardins Co-authors: Roy M, Gravel J

15:50 - 16:02 Nephrology Nephrologie	Dr. Michael Geylis Fellow, Montreal Children's Hospital	Leflunomide, a novel second-line agent for children with difficult-to treat nephrotic syndrome. A retrospective cohort study Supervisor: Dr. Martin Bitzan Co-authors: Bhatt GC, Sharbaf FG, Gupta IR
16:02 - 16:14 Emergency medicine Medecine d'urgence	Dr. Sarah Mousseau Fellow, CHU Sainte-Justine	The impact of E-Learning on trainees' ability to diagnose and treat acute otitis media in children – A randomized controlled trial Supervisor: Dr. Jocelyn Gravel Co-authors: Poitras M, Lapointe A, Nguyen BH, Hervouet-Zeiber C
16:14 - 16:35	Judges' deliberation/Délibération des juges	
16:35 -16:40	CONCLUSION	