

## Child Health Research Day Conference

### Wednesday May 31<sup>st</sup>, 2023

09:30-10:30	Trainees Session with Drs. Craig Campbell, Micheal Rieder and Teji Singh (Intended for Trainees only) Science in Partnership with Pharma Industry	VH B2-119/
10:30-10:45	Welcome and Opening Remarks Dr. Tim Frewen and Dr. Kathy Nixon Speechley	VH B2-119
10:45-10:55	National Resident Research Competition, Department of Paediatrics Representative – <b>Emma Metivier</b>	<b>VH B2-119</b>
10:55–11:05	Paediatric Surgery Resident Research Day Winner – <b>Sami Khoury</b>	<b>VH B2-119</b>
11:05-12:05	<b>Keynote Speaker: Dr. Lisa Robinson, MD, FRCPC, FASN, FCAHS:</b> A Career as a Pediatrician-Scientist: Pathways, Partnerships, and Possibility	VH B2-119
<b>12:05-13:00</b>	<b>Lunch</b>	
13:00-14:20	Platform Presentation – Session 1 – Moderator – <b>Dr. Sally Lin</b>	VH B2-119
13:00-13:10	Trends in autoimmune liver disease research since the occurrence of the COVID-19 pandemic: a bibliometric analysis <b>Taylor Beedie</b>	VH B2-119
13:10-13:20	PAGE - Pediatric Autoimmune and Genetic Testing in Epilepsy: A Novel Paradigm in the Rapid Diagnosis of Treatment-Resistant Epilepsy. <b>Sam Cen</b>	VH B2-119
13:20-13:30	Intranasal midazolam for pain or distress provoking procedures in children: a systematic review (and meta-analysis) <b>Jocelyn Wang</b>	VH B2-119
13:30-13:40	Phenotype of musculoskeletal manifestations in a Canadian inception cohort of pediatric patients with inflammatory bowel disease <b>Emily Dzungowski</b>	VH B2-119
13:40-13:50	Measuring Patient Satisfaction in Paediatric Surgery: A Prospective Study <b>Karan Gandhi</b>	VH B2-119
13:50-14:00	Socioeconomic Status and Academic Medicine: You can do anything - but only if they let you in. <b>Tania Mani</b>	VH B2-119
14:00-14:10	Differences in perceived threats regarding underrepresented in medicine application streams between premedical and non-premedical students. <b>Rida Shaikh</b>	VH B2-119

14:10-14:20	Resting-state functional near-infrared spectroscopy reveals altered functional connectivity of neonates with hypoxic ischemic encephalopathy post cooling. <b>Lingkai Tang</b>	VH B2-119
<b>14:20-14:40</b>	<b>Break</b>	
14:40-15:40	Platform Presentation – Session 2 – Moderator - <b>Michelle Kregel</b>	VH B2-119
14:40-14:50	The role of activation-induced cytidine deaminase in B cell acute lymphoblastic leukemia. <b>Allanna MacKenzie</b>	VH B2-119
14:50-15:00	Clinical Epigenomic Testing in Canada: Discovery and Clinical Assessment of Episignatures <b>Haley McConkey</b>	VH B2-119
15:00-15:10	A neural crest-specific knockout of connexin43 impacts skull shape in newborn mice but does not impact chondrocyte or osteoblast differentiation marker expression. <b>Alyssa Moore</b>	VH B2-119
15:10-15:20	Preliminary Investigation of Placental [1-13C]pyruvate Metabolism Correlated with Placental Efficiency in Guinea Pigs <b>Lindsay Morris</b>	VH B2-119
15:20-15:30	Biomarkers of MIS-C analyzed with targeted proteomics and machine learning <b>Maitray Patel</b>	VH B2-119
15:30-15:40	Memory deficits, autistic-like behaviours and brain neuroanatomical abnormalities in a mouse model of ATRX deficiency in excitatory neurons. <b>Katherine Quesnel</b>	VH B2-119
15:40-16:00	Afternoon Closing	VH B2-119
<b>17:00-21:00</b>	<b>Evening Session at Goodwill Industries (255 Horton Streets)</b>	
17:00-18:00	Poster Viewing	In Person
18:00-18:40	<b>Welcome: Dr. Micheal Rieder</b> <b>Evening Panel Discussion: Reflections on Children's Hospital 100 Years</b> Dr. Teji Singh Dr. Kathy Nixon Speechley	In Person
18:40-19:00	Awards/recognitions/Closing Remarks Dr. Micheal Rieder	In Person
19:00-21:00	Social Evening Goodwill Industries	In Person

## **Overall Program:**

By the end of this program, participants will be able to:

- Describe current basic science, translational and clinical research happening in the child health community in London and region.
- Review recent research related to planetary health and recognize its impact on child health.
- Translate research findings to relevant clinical practice areas to improve clinical care and child health outcomes.
- Explain how advances in genomics can contribute to improved clinical care.

## **Trainee Session with Drs Campbell and Singh:**

Clinical and basic science investigators work in collaboration with biopharmaceutical industry partners in many stages of translational and clinical research. The partnership is vital for a wide range of research, but particularly in the development of novel therapeutics. In this interactive discussion session Drs. Singh and Campbell will give their perspectives of how industry and investigator partnerships can be navigated to achieve productive mutually beneficial relationships. The session will be ideal for trainees and junior faculty who are working in the field of translational and clinical trial research.

## **Keynote Speaker: Dr. Lisa Robinson, MD, FRCP(C), FASN, FCAHS**

Title: A Career as a Pediatrician-Scientist: Pathways, Partnerships, and Possibility

### **Objectives:**

1. To explore new approaches to prevent and resolve acute kidney injury
2. To explore approaches to enhancing academic medicine to reflect the communities we serve

## **Evening Panel Discussions: Drs Robinson, Speechley and Singh.**

Join 3 prominent researchers with roots in Children's Hospital and the Department of Paediatrics as they reflect on the research careers and memories of Children's Hospital

This program was co-developed with Department of Paediatrics, Child and Adolescent Mental Health, Children's Health Foundation, Developmental Disabilities Program, Paediatric Surgery, Thames Valley Children's Centre, Western's Collaborative Graduate Specialization in Developmental Biology, Western Health Sciences and Western University.