



The Canadian DOHaD Society

Canadian Developmental Origins of Health and Disease Society

The 5th Annual Scientific Meeting of the **Canadian DOHaD Society**

Program Guide

May 22 & 23, 2023

Montebello, Québec, Canada



Monday, May 22 nd 2023		
17:00 – 19:30	Registration	Canada Room Foyer
19:30 -	DOHaD Canada Dinner	Canada Room

Tuesday, May 23 rd 2023		
7:15 - 8:15	Buffet Breakfast	Aux Chantignoles
8:15 - 8:40	Welcome Address Dr. Tara Perrot, Conference Co-chair Dr. Stephen Matthews, DOHaD Canada President	Canada Room
8:40 - 9:25	Keynote Address Speaker: Dr. Amanda Kentner, Massachusetts College of Pharmacy and Health Sciences Title : <i>A Trifecta of Influence: the developmental effects of environmental complexity on body, brain, and behaviour</i>	Canada Room
9:25 - 10:45	DOHaD Advocacy/Dissemination in Canada session <ul style="list-style-type: none"> ○ Invited Speakers: Dr. Melanie Barwick, Dr. Deborah Da Costa ○ Discussion / break-out tables ○ Trainee Flash Talks: Ysmaris Cariaco, Camille Girard-Bock, Elizabeth O’Leary, Sawayra Owais, Battsetseg Ulziikhuu 	Canada Room
10:45 - 11:00	Coffee / Tea Break	Canada Room
11:00 – 12:30	Talk Session - Environmental Toxicants Moderator: Tara Perrot, PhD Invited Speaker: Dr. Anne Konkle Title : <i>Examining the Impact of Canadian Arctic Contaminants on Perinatal Maternal Brain Plasticity and Behaviour</i> Invited Speaker: Dr. Christine Till Title: <i>The Neurotoxicity of Fluoride: A Wake-up Call</i> Speaker: Ms. Yourdasmine Ali Daoud Title : <i>Development of a pregnancy physiologically based pharmacokinetic (p-PBPK) model for lead: estimation of the prenatal internal exposure of a French cohort.</i>	Canada Room

	<p>Speaker: Ms. Elisa Thépaut <i>Title : Fetal exposure to pyrethroids using p-PBPK modeling toxicokinetics based on the physiology of pregnant women</i></p> <p>Speaker: Ms. Battsetseg Ulziikhuu <i>Title: Who benefits most from a prenatal HEPA filter air cleaner intervention on childhood cognitive development? The UGAAR randomized controlled trial</i></p>	
12:30 – 13:30	Lunch & DOHaD Canada Council Meeting	Canada Room
13:30 – 14:45	<p>Talk Session - Diet/Nutrition Moderator: Libby Myles, MSc</p> <p>Invited speaker: Dr. Kozeta Miliku <i>Title: Preschool dietary patterns in Canadian Children and their role in cardiometabolic disease development</i></p> <p>Speaker: Dr Thoko Hanjahanja-Phiri <i>Title: Primiparity and Prenatal Supplementation in Drought and Non-Drought Settings – A natural experiment in Malawi</i></p> <p>Speaker: Ms. Amélie Taschereau <i>Title: Maternal glycemia in pregnancy is associated with longitudinal variations in blood DNAm at FSD1L gene longitudinally from birth to 5 years of age.</i></p> <p>Speaker: Ms. Elizabeth O’Leary <i>Title: Maternal Diet and Probiotic Treatment Affects Both Dam and Offspring Leptin Outcomes in Long-Evans Rats</i></p>	Canada Room
14:45 – 15:15	Coffee / Tea Break	Canada Room
15:15 – 16:30	<p>Talk Session - Early Life Environment Moderator: Kiera O’Neil, PhD</p> <p>Speaker: Dr. Robert Levitan <i>Title: A Novel Approach to Study Season of Conception and Neurodevelopmental Risk based on Maternal History of Seasonal Affective Disorder: Preliminary Findings for Executive Functioning in Pre-Schoolers</i></p> <p>Speaker: Ms. Camille Girard-Bock <i>Title: Beneficial effects of 14-week physical activity intervention in a subgroup of young adults born very preterm with high blood pressure</i></p> <p>Speake : Dr. Shiliang Liu</p>	Canada Room

	<p>Title: <i>Association of maternal depression and hypothyroidism with infant gastroschisis: A population-based cohort study in Canada</i></p> <p>Speaker: Ms. Sawayra Owais</p> <p>Title: <i>Prevalence and Determinants of Depression and Anxiety During Pregnancy Among the Métis in Alberta, Canada</i></p> <p>Speaker: Ms. Nicola Schatz</p> <p>Title: <i>Generational Epigenetic Programming by Stress May Promote the Risk of Neurodegenerative Diseases: Evidence from a Rat Model</i></p>	
16:30 – 17:00	<p>Wrap-Up Discussion Session</p> <p>Trainee Flash Talks: Savana Biondic, Cytia Duval, Bona Kim, Jenna Richardson</p> <p>Wrap-Up Comments and Discussion (Tara Perrot)</p>	Canada Room
17:00 – 19:00	<p>Poster Session</p> <p>Selected posters will be presented in person in 3MT format</p> <p>Discussion with poster presenters</p>	Canada Room