



DOHaD Canada Society 2024 Scientific Meeting
 June 3 – 4, 2024
 Vancouver, BC

Scientific Program

The Role of Early Life from Molecules to Communities

Monday, June 3, 2024

Time	Program	Location
08:00-15:00	Registration	Grand Foyer – N Tower, Lower Level
13:00-14:00	Keynote Speaker Dr. Tim Oberlander, MD, FRCPC, Professor BC Children’s Hospital, Department of Pediatrics, Faculty of Medicine, University of British Columbia	Jr. Ballroom AB – N Tower, 3rd floor
14:00-15:00	DOHAD Session 1 Sex Differences in Programming Speaker: Sandy Davidge <i>Title of presentation (TBD)</i> Selected Talks: - Jess Hercus: Do effects of prenatal nutrition on cardiovascular and metabolic health depend on gonadal sex and/ or chromosomal sex? - Jade Gamelin Kao: Impact of Gestational Obesity on Cardiometabolic Health Outcomes of Offspring - Yusmaris Cariaco: Synergic effects of opioids and Δ -9-THC on disrupting placenta transcriptome and fetal growth trajectories	Jr. Ballroom AB – N Tower, 3rd floor
15:00-15:30	Coffee Break	Grand Ballroom – N Tower, Lower level

15:30-16:30	<p>DOHAD Session 2 The placenta's Role in Programming</p> <p>Speaker: Cathy Vaillancourt <i>Title of presentation (TBD)</i></p> <p>Selected Talks: -Rewa Zurub: Microplastic Exposure and Accumulation in the Human Placenta - Alyx Orioux: Insights into Gestational-Age Stratified Placental Growth Factor (PLGF) Levels: A Study on Placental Imaging and Pathology in a Diabetes-Prone Population -Timothy Nunes: Lifelong maternal Western Diet negatively impacts placental metabolome and placental vascularization, independent of BMI -Thomas W Kenney: The Impact of Maternal Prepartum Depression and SSRI Treatment on the Human Placental Metabolome</p>	Jr. Ballroom AB – N Tower, 3rd floor
16:30-17:30	<p>DOHAD Session 3 The Importance of Micronutrients during Development</p> <p>Speaker: John Krzeczowski <i>Title of presentation (TBD)</i></p> <p>Selected Talks: -Adam Hung: Diabetes and excess folic acid supplementation during pregnancy alters placental morphology, reduces labyrinth vascularization and involves alterations in tryptophan metabolism in male, but not female offspring -Olivia S Sadilek-Thring: The Mechanistic Influence of Iron Deficiency on Vitamin A Homeostasis in Weanling Rats</p>	Jr. Ballroom AB – N Tower, 3rd floor
17:30	CNPRM and DOHAD Canada Trainee Social Event	
Tuesday, June 4, 2024		
06:00-15:00	Registration	Grand Foyer – N Tower, Lower Level
6:30-7:00	Morning Coffee	Grand Foyer – N Tower, Lower Level
07:00-08:00	Opening Ceremony	Grand Ballroom – N Tower, Lower level
08:00-09:00	Breakfast	Grand Ballroom – N Tower, Lower level

08:30-10:30	<p>CNPRM Plenary 1 / DOHAD Session 4 Early life nutrition and the microbiome</p> <p>Chairs: Angela Devlin, University of British Columbia and Julian Christians, Simon Fraser University</p> <p>Speaker (8:30 - 9:08): Deborah O'Connor, University of Toronto <i>Early Feeding and Development of the Gut Microbiome of the Very Low Birthweight Infants</i></p> <p>Speaker (9:08 - 9:46): Marie-Claude Arrieta, University of Calgary <i>Title of presentation (TBD)</i></p> <p>Selected Trainee Talk (9:46 - 9:59): Sara-Pier Paquet: Maternal docosahexaenoic acid supplementation for neurodevelopmental outcomes of breastfed very preterm infants: a follow-up at 5 years' corrected age of a randomized clinical trial (MOBYDickPS)</p> <p>Selected Trainee Talk (9:59 - 10:12): Delaney Barth: Impact of Early Life Social Contact and Hygiene Practices on Infant Gut Microbiome and Metabolic Pathways</p> <p>Selected Trainee Talk (10:12 - 10:25): Constantin R Popescu: Predicting Bacterial Sepsis by Host Transcriptome Signatures in Young Infants in Malawi</p>	Grand Ballroom – N Tower, Lower level
10:30-11:00	Refreshment Break	Grand Ballroom – N Tower, Lower level
11:00-12:30	<p>CNPRM/CAMCCO Plenary 2 Medications and Pregnancy: Identification of Feto-Toxic Drugs</p> <p>Moderator: Thierry Lacaze, MICYRN</p> <p>Speakers: Anick Bérard, University of Montreal Mark Walker, University of Ottawa Bruce Carleton, University of British Columbia</p> <p><i>DOHAD Canada participants are welcome to attend this session.</i></p>	Grand Ballroom AB - N Tower, Lower level
12:30-13:30	Lunch Break	Grand Ballroom – N Tower, Lower level
13:30-15:00	<p>DOHAD Session 5 Community-involved research</p> <p>Speakers: Rhonda Bell, Emily Fleming and Luwana Listener <i>Title of presentation</i></p> <p>Selected Talks:</p>	Jr. Ballroom AB – N Tower, 3rd floor

	<ul style="list-style-type: none"> - Abiola Adeniyi: “Chamas has really helped us in creating good relationships in the society”: A qualitative study of the impacts of a community based maternal and child program in Western Kenya - Rachel Dadouch: Where is Communication Breaking Down? Narrative Tensions in Obesity-in-Pregnancy Clinical Encounters - Jelena Komanchuk: Digital Parenting Program Dose is Relevant for Assessing Program Effectiveness - Amanda Rowlands: Changes in metabolic energy and hypothalamic-pituitary-adrenal axis activity across the pre- to post-menarche transition in a group of Mayan girls - Christina Cantin: Building capacity in perinatal mental health: initial impressions from Canada’s first perinatal psychiatry access program 	
15:00 - 18:00	Posters & Exhibit Reception	Pavilion Ballroom – N Tower, 3rd Floor Concourse
18:00 - 19:00	<p>Keynote Speaker Bernard Thébaud, University of Ottawa <i>Rebuilding the Neonatal Lung: A Scar Wars Story</i></p>	Grand Ballroom – N Tower, Lower level
19:00 - 21:00	Dinner	Grand Ballroom – N Tower, Lower level
21:00 - 23:00	<p>CNPRM and DOHaD Canada Trainee Social Event</p> <p><i>Invited PIs will take part in this Trainee focused event as an opportunity for trainees to chat in a more friendly/informal environment. Come to enjoy drinks, snacks and live music!</i></p>	Constellation – S Tower, 34th floor