



The Canadian DOHaD Society

Canadian Developmental Origins of Health and Disease Society

The 3rd annual scientific meeting of the

Canadian DOHaD Society

Program Guide

11 & 12 February/Février 2019

Fairmont Tremblant • Mont Tremblant, Québec, Canada

PROGRAM at glance



3rd annual Canadian DOHaD Society Meeting
February 11-12, 2019
Mont Tremblant (Qc)

Monday, February 11 th 2019	
15:00 - 17:30	Registration
17:30 - 17:45	Welcome, Opening Remarks and Traditional Territory Acknowledgement Chairs: Drs. Kristin Conor & Serge McGraw Elder: TBA
17:45 - 18:15	Canada on the World's DOHaD Stage Speaker: Drs. Janice Bailey and John Challis Title: 2021 World Congress on DOHaD
18:15 - 19:15	Keynote Speaker Speaker: Dr. Tessa Roseboom, University of Amsterdam Title: TBA
19:15 - 22:00	DOHaD Connections: Outreach, Networking and Collaboration Event Cocktail & hors d'oeuvre reception

Tuesday, February 12 th 2019	
7:15 - 8:30	Breakfast
8:00 - 8:30	Registration for Late Arrivals
8:30 - 8:35	Housekeeping Drs. Kristin Conor & Serge McGraw
8:35 - 8:40	Introductory Remarks
Session 1: Epigenetics and Omics Mechanisms Underlying DOHaD	
8:40 - 9:10	Speaker: Dr. Shannon Bainbridge, University of Ottawa Title: TBA
9:10 - 9:25	Trainee talk 1: Kit Lee, Dalhousie University Title: <i>Beyond nurture by nature: ATRX signalling and its role in autistic behaviour</i>
9:25 - 9:40	Trainee talk 2: Lisa-Marie Legault, Université de Montréal Title: <i>Lasting brain DNA methylation perturbations and cognitive impairments following a preimplantation alcohol exposure</i>
9:40 - 10:10	Speaker: Dr. Luigi Bouchard, Université de Sherbrooke Title: <i>Programming obesity in offspring exposed to gestational diabetes: The epigenome starts revealing some of its secrets</i>
10:10 - 10:25	Health break
Session 2: Solution-Oriented DOHaD	
10:25 - 10:55	Speaker: Dr. Kristi Adamo, University of Ottawa Title: <i>Should pregnant women exercise? If so, why?</i>
10:55 - 11:10	Trainee talk 3: Jodi Nettleton, University of Calgary Title: <i>Maternal low-calorie sweetener consumption and metabolic impacts for offspring</i>
11:10 - 11:25	Trainee talk 4: Nataliia Hula, University of Alberta Title: <i>Effect of treatment of the placenta with a mitochondrial targeted antioxidant (nMitoQ) on later-life cardiac function in adult offspring exposed to prenatal hypoxia</i>

11:25 - 11:55	Speaker: Dr. Amanda MacFarlane, Health Canada Title: <i>Folic acid supplementation reduces female germ cell aneuploidy in Bub1 transgenic mice, a model of age-dependent oocyte aneuploidy</i>
12:00 - 13:30	Lunch
13:30 - 14:30	Keynote Speaker Speaker: Dr. Robert A. Waterland, Baylor College of Medicine Title: <i>The hunt for human metastable epialleles: From Avy to Africa</i>
Session 3: Vulnerable and At Risk Populations	
14:30 - 15:00	Speaker: Dr. Pablo Nepomnaschy, Simon Fraser University Title: <i>Indigenous populations and DOHaD research: advances, challenges and opportunities</i>
15:00 - 15:15	Trainee talk 5: Dr. Anthea Lafreniere, The Ottawa Hospital Title: TBA
15:15 - 15:30	Trainee talk 6: TBA Title: TBA
15:30 - 15:45	Health break
15:45 - 16:45	DOHaD Annual General Meeting Chairs: Drs. Tim Regnault, Deborah Sloboda, Stephen Matthews
16:45 - 17:00	Closing remarks and awards Co-chairs: Drs. Serge McGraw & Kristin Connor Best trainee talk award
Adjourn	