








The 2025 Canadian Mother-Child Initiative on Drug Safety in Pregnancy (CAMCCO) Annual Meeting
Research, Training, Knowledge Dissemination, and Co-Creation
May 12-13, 2025

Sheraton Hotel, Montreal, Quebec, Canada

📍 *Ballroom East – Level 4*

| DAY 1 | PROGRAM | May 12th, 2025 |
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| 8:00 – 8:30 | Registration and Breakfast 📍 Foyer – Level 4 | |
| 8:30 – 9:00 | Welcome – Anick Bérard, <i>University of Montreal, Principal Investigator, CAMCCO (Research, Training, Outreach, Registry)</i> | |
| 9:00 – 10:30 | 2024-2025 CAMCCO – Year in Review and Accomplishments | |
| | i) Cardiovascular diseases in pregnancy | Isabelle Malhamé, <i>McGill University</i> |
| | ii) Anti-seizure medication use during pregnancy and the risk of neurodevelopmental disorders | Odile Sheehy, <i>CHU Sainte-Justine</i> |
| | iii) Valproic acid-induced placental toxicity: investigating morphological and structural changes in CD-1 mice | Lauren Brown, <i>Queen’s University</i> |
| | iv) Quantitative bias assessment in OTC pregnancy studies | Lisiane Leal, <i>CHU Sainte-Justine</i> |
| | v) Medication exposure definitions in perinatal pharmacoepidemiology: implications for pregnancy studies | Gabra Nohmie, <i>University of Montreal</i> |
| 10:30 – 11:00 | Health Break | |
| 11:00 – 11:30 | Pre-eclampsia & aspirin: Is there an opportunity for CAMCCO? | Mark Walker, <i>University of Ottawa</i> |
| 11:30 – 12:30 | CAMCCO-L Trainee Oral Presentations <i>2024-2025 Cohort</i> | Moderator: Narimene Ait Belkacem, <i>University of Montreal</i> |
| | <i>Longitudinal Trajectories of Anti-Diabetic Medications from Pre-Conception to Delivery in UK Primary Care</i> | Alaa Haboush, <i>McGill University</i> |
| | <i>Burden and clinical characteristics of invasive meningococcal disease in Canada between 2012-2023: data from the Canadian Immunization Monitoring Program Active (IMPACT)</i> | Kevin Meesters, <i>University of British Columbia</i> |
| | <i>The impact of interleukin (IL)-8 exposure on the expression of drug and folate transporters in human first trimester and term placental explants</i> | Diana Nelles, <i>University of Toronto</i> |
| | <i>Vitamin D Dampens Toll-Like Receptor 7 (TLR-7)-mediated Inflammatory Response in a Pregnant Rat Model of Viral Infection</i> | Stephanie Skalitzky, <i>University of Toronto</i> |
| | <i>Sex- and uterine horn-specific fetal liver cellular proliferation gene patterns after in utero benzene exposure in CD-1 mice</i> | Perri Grant, <i>Queen’s University</i> |
| 12:30 – 13:30 | Lunch | |
| 13:30 – 15:00 | Co-creation of 2 videos in FR and EN on: i) From the lived experience to the research objective; ii) Consent in perinatal pharmacoepidemiology. | Moderator: Kristi McIntosh, <i>Person with lived experience, Vancouver</i> Laurie Proulx, <i>Person with lived experience, Ottawa</i> |
| 15:00 – 16:00 | Health Break / Free Time Recordings of the CAMCCO videos | Selected people with lived experiences from participants. Videos will be recorded by our videographer on-site. |
| 16:00 – 17:30 | Machine Learning in Pregnancy <i>Masterclass</i> | Padma Kaul, <i>University of Alberta</i> |
| 17:30 – 18:00 | Opening Address – CNPRM & Introduction of All Groups 📍 Ballroom – Level 4 | |
| 18:30 – 21:00 | CAMCCO Team Dinner 📍 Ferreira Café (1446 Peel Street, Montreal) | |

DAY 2 **PROGRAM** **May 13th, 2025**

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| 8:00 – 8:30 | Breakfast  Foyer – Level 4 | |
| 8:30 – 10:30 | WORKSHOP – Emulating clinical trials in pregnancy using real-world data (RWD) <i>Bring your laptop</i> | Sonia Grandi, <i>University of Toronto</i> Cristina Longo, <i>University of Montreal</i> |
| 10:30 – 11:00 | Health Break | |
| 11:00 – 12:30 | Joint CNPRM-CAMCCO Plenary: Acetaminophen use during pregnancy and the risk of neurodevelopmental disorders | Moderator: Tamil Kendall, <i>Partnership for Women's Health Research Canada</i> |
|  Ballroom Level 4 | i) What is the evidence and how valid is it? | Anick Bérard, <i>University of Montreal</i> |
| | ii) Is there biological plausibility? | Louise Winn, <i>Queen's University</i> |
| | iii) Society of Obstetricians and Gynecologists of Canada guidelines | Diane Francoeur, <i>University of Montreal and CEO Society of Obstetricians and Gynaecologists of Canada</i> |
| | CAMCCO-L Trainee Presentations | |
| | <i>Perinatal Mental Health, Pharmacological Treatment, and Potential Influence on Child Development</i> | Marion Lecorguillé, <i>McGill University</i> |
| | <i>Prenatal Serotonin Reuptake Inhibitor Antidepressant Exposure, Maternal Depression, and Cortisol Activity in 12-Year-Old Children: A Cohort Study</i> | Enav Zusman, <i>University of British Columbia</i> |
| 12:30 – 13:30 | Lunch  Foyer – Level 4 | |
| 13:30 – 15:00 | CAMCCO attendees can choose any sessions within the CNPRM Program – Networking Opportunity | |
| 15:00 – 15:30 | Health Break | |
| 15:30 – 17:00 | CAMCCO attendees can choose any sessions within the CNPRM Program – Networking Opportunity | |
| 17:00 – 19:00 | Joint Poster Session (CAMCCO, CNPRM, ENRICH)  Foyer – Level 3 | |
| 19:00 – 21:00 | Reception Dinner and Keynote Speak  Ballroom – Level 4 | Cecile Rousseau, <i>McGill University</i> <i>Health of Migrant Families</i> |