

Poster Presentation Schedule

- Vibhuti Arya** (4:00 pm)
Dialectal Behavioural Therapy and Lifestyle Change to Prevent Type 2 Diabetes in Adolescents living with Obesity: A Feasibility Study
- Nicole Brunton** (4:15 pm)
Trends in gestational diabetes in Manitoba from 1981-2019: A descriptive study
- Benjamin Bydak** (5:00 pm)
Changes in extracellular vesicle (EV) subtype and secretion markers with replicative senescence in murine pancreatic beta cells
- Michael Byun** (4:30 pm)
Omega-3 fatty acids modify monocyte glucose metabolism through mitochondrial bioenergetic rewiring
- Isaak Fast** (4:15 pm)
Urban Trail Infrastructure and Physical Activity Levels: A Systematic Review and Meta-Analysis of Natural Experiments
- Maria Galipeau** (4:00 pm)
The Diabetes-Related Gly482Ser Polymorphism Affects PGC-1 α Stability and Glucose Metabolism
- Abdelaziz Ghanemi** (4:45 pm)
Nephrectomy-based Rat Model of Chronic kidney disease as the choice model?
- Priscilla Irabor** (4:30 pm)
A comparison of birth outcomes in the Next Generation cohort based on in utero exposure to diabetes and substance use during pregnancy
- Nika Klaprat** (5:00 pm)
Geospatial distribution and demographics of Winnipeg neighbourhoods stratified by density of cycling infrastructure: A descriptive study
- Andrea MacIntosh** (4:00 pm)
Preferences for exercise interventions for people living with type 1 diabetes: A discrete choice experiment
- Danish Malhotra** (4:30 pm)
Unraveling the Cellular Sources of Interleukin-1 β Production in Amyloid-Forming Human Islets: A Potential Strategy to Enhance Human Islet Graft Survival in Type 1 Diabetes
- Caitlin Menzies** (5:00 pm)
Gestational Diabetes Mellitus Induces Cardiac Dysfunction and Increases the Acetylation of Metabolic Enzymes in the Offspring Heart
- Nadya Morrow** (4:00 pm)
Glucagon-like peptide 1 and 2 double receptor knockout (GLPDRKO) mice have higher post-prandial lipids and glucose in a sex- and meal-dependent manner



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14. **Marcelo Ninalaya** (4:45 pm)
Maternal Resveratrol (RESV) Supplementation and the Effects on Cardiac Hypertrophy Offspring
15. **Patience Obi** (4:15 pm)
Identification of putative protein targets that mediate enhanced mitochondrial biogenesis in skeletal muscle-derived extracellular vesicles after chronic contractile activity
16. **Jasmine Pipella** (4:30 pm)
Exploring the Impact of Anti-CD3 Immunotherapy on Beta Cell Stress in Type 1 Diabetes
17. **Camille Prefontaine** (4:45 pm)
Investigating the Relationship Between Insulin Synthesis and Senescence in Type 1 Diabetes
18. **Nayara Rampazzo Morelli** (5:00 pm)
GDF15 neutralization as a potential drug target in human senescent beta cells
19. **Ola Salama** (4:30 pm)
In-utero Exposure to Maternal Diabetes and DNA Methylation Alterations in the Next Generation Birth Cohort
20. **Manual Sebastian** (4:15 pm)
Investigating the Effect of the HNF-1a G319S Variant on Islet Function after Prolonged Fasting
21. **Sarah Sigurdson** (5:00 pm)
Prevalence of severe hypoglycemia in type 2 diabetes in pregnancy
22. **Liat Sitz** (4:45 pm)
Epigenetics: A Potential Mechanism of Association Between Stress and Albuminuria among Adolescents with Type 2 Diabetes
23. **Khushali Trivedi** (4:00 pm)
SIRT3 Deficiency in the Liver and Mitochondrial Dysfunction in Gestational Diabetes
24. **Rushie Tyagi** (4:15 pm)
A potential cellular mechanism for amyloid-induced beta-cell death in human islets – Implications in pre-transplant human islet culture
25. **Jay Wieler** (4:45 pm)
Investigating immune surveillance of senescent beta cells in type 1 diabetes
26. **Xi Chen** (5:15 pm)
The Peripheral and Central Cross Talk Mediated by Adipose MIF—A Novel Mechanism of Hyperphagia Following Olanzapine Treatment

