



# poster presentation schedule

1. **Benjamin Bydak** (4:10pm)

Replicative senescence in pancreatic beta cells increases extracellular vesicle release

2. **Liujun Chen** (4:20pm)

The stability of MIF receptor CD74 contributes to the development of NAFLD

3. **Jared Field** (4:30pm)

The Role of Nix in Muscle Metabolism: A Mitophagy Receptor Regulates Metabolism and Insulin Sensitivity

4. **Yiheng Huang** (4:10pm)

The Role of Pref-1 in Non-inflammatory Insulin Resistance

5. **Maryana Kutuzova** (4:20pm)

Development of a mouse model of type 2 diabetes (T2D) during pregnancy to test how in utero exposure to T2D impacts offspring metabolic health

6. **Lisha Li** (4:30pm)

The Attenuation of Cardiac DDT Expression Associated with Metabolic Dysfunction Exacerbates Myocardial Ischemia-Reperfusion Injury

7. **Anna Liu** (4:10pm)

Mental health and progression of early kidney injury in youth with type 2 diabetes: a 2-year analysis from the iCARE cohort

8. **Alennie Lopez** (4:20pm)

The effects of breastfeeding on chronic kidney disease in children exposed to maternal type 2 diabetes in utero

9. **Andrea MacIntosh** (4:30pm)

"How we do it": A qualitative study of strategies for adopting an exercise routine while living with type 1 diabetes

10. **Mukta Moni** (4:40pm)

Development of pharmacological strategies to reduce amyloid formation and  $\beta$ -cell death in human islets – implications in type 2 diabetes and islet grafts

11. **Taylor Morriseau** (4:50pm)

The HNF-1 $\alpha$ G319S Variant Shifts  $\beta$ -cell Metabolism Towards Fatty Acid Oxidation: Implications for Type 2 Diabetes and First Nations Youth

12. **Marcelo Ninalaya** (4:40pm)

The Effects of RESV Supplementation Gestational Diabetes and Cardiac Hypertrophy in Offspring Fetal Cardiomyocytes.

13. **Manuel Sebastian** (4:50pm)

Investigating the effect of the HNF-1 $\alpha$ G319S variant on liver and pancreas function under different physiological states

14. **Tamiris Souza** (5:00pm)

Can chronic contractile activity-derived extracellular vesicles rescue mitochondrial dysfunction?

15. **Rushie Tyagi** (4:40pm)

Inhibitors of intracellular islet amyloid formation protect beta cells from amyloid toxicity

16. **Harman Vats** (4:50pm)

Evaluating the relationship between protective psychosocial factors and hypertension in an overweight cohort of Indigenous youth; a cross sectional study

