

## SCIENTIFIC PROGRAM

### Session One

**11:00 AM – 12:00 PM**

**Room 104**

Chair: Trevor Biden

11:00 AM – 11:20 AM

**Ross Laybutt**

The unfolded protein response in beta-cell compensation and failure *abs#1*

11:20 AM – 11:40 AM

**Helen Thomas**

The role of Bim in beta cell dysfunction and development of diabetes *abs#2*

11:40 AM – 12:00 PM

**Michael McGuckin**

IL-22 is an Islet Intrinsic Cytokine that Suppresses ER Stress and Primes Islet Secretory Cell Function *abs# 3*

### Session Two: Free Communication

**12:00 PM - 1:00 PM**

**104**

Chair: Peter Thorn

12:00 PM – 12:15 PM

**Gemma Pearson**

Lysosomal lipid metabolism is a novel regulator of insulin secretion *abs# 4*

12:15 PM – 12:30 PM

**Mohammed Bensellam**

Id1 and Id3 regulate redox status and beta-cell survival under conditions of oxidative stress *abs# 5*

12:30 PM – 12:45 PM

**Viviane Delghingaro-Augusto**

Glucose intolerance is a very early defect that predates profound hyperinsulinemia in high fat-fed obese *foz/foz* mice on the NOD.B10 background *abs# 6*

12:45 PM – 1:00 PM

**Daniel Hesselson**

Metabolic regulation of islet plasticity *abs# 7*

### Lunch and Poster Viewing

**1:00 PM – 2:00 PM**

**Room 105**

See poster listing for presenters.

### Session Three

**2:00 PM – 3:40 PM**

**Room 104**

Chair: Chris Nolan

2:00 PM - 2:20 PM

**Sof Andrikopoulos**

Understanding the mechanisms of islet beta cell failure in Type 2 diabetes *abs#8*

2:20 PM - 2:40 PM

**Jenny Gunton**

A GEM of a problem *abs#9*

2:40 PM - 3:40 PM

**PLENARY LECTURE**

**Lori Sussel**

Regulation of pancreatic islet lineages *abs#10*

### Afternoon Tea

**3:40 PM – 4:00 PM**

**Room 105**

### Session Four

**4:00 PM – 5:20 PM**

**Room 104**

Chair: Sof Andrikopoulos

4:00 PM - 4:20 PM

**Damien Keating**

RCAN1 is a glucose-induced gene regulating  $\beta$ -cell function *abs# 11*

4:20 PM - 5:20 PM

**PLENARY LECTURE**

**Olle Korsgren**

Revisiting the etiology of Type 1 Diabetes *abs#12*

### Conference Mixer

**5:20 PM**

**Room 105**