

Programme

8:00 am REGISTRATION

8.30 am POWHIRI

9.00 am WELCOME FROM THE LIGGINS INSTITUTE

Liggins Institute Director Professor Frank Bloomfield

9.10 am WELCOME FROM THE UNIVERSITY OF AUCKLAND

Vice Chancellor Professor Stuart McCutcheon

9.20 am PLENARY 1

Fetal physiology, brain development and neuroprotection

Co-chaired by Dr Tommi Vatanen and PhD student Stephanie Andraos

- Professor John Challis, *Perspectives on kids' brain health*
- Dr Joanne Davidson, *Protecting babies' brains*
- PhD student Tayaza Fadason, *A personalised approach to understanding phenotypes*

10.20 am MORNING TEA

10.45 am PLENARY 2

Fetal growth and the Developmental Origins of Health and Disease

Co-chaired by Dr José Derraik and PhD student Eadaoin Butler

- Professor Jane Harding, *DOHaD insights from studying fetal growth*
- Professor Terrence Forrester, *Early life malnutrition and long-term consequences*
- Dr Jacquie Bay, *Realising the potential of adolescence as a critical window for DOHaD*

11.55 pm PLENARY 3

Maternal and infant nutrition, epigenetics and prediction of later disease

Co-chaired by Dr William Schierding and PhD student Emma Amissah

- PhD student Pania Bridge-Comer, *Artificial sweeteners: Zero calories, zero effects?*
- Dr Ben Albert, *Could fish oil in pregnancy give children a healthier start to life?*
- Professor Caroline Crowther, *Evidence cycles to prevent, diagnose and treat gestational diabetes*
- Professor Yap Seng Chong, *Maternal emotional health and offspring neurodevelopment*

12.55 pm LUNCH

1.40 pm PLENARY 4

Developmental plasticity and evolutionary medicine

Co-chaired by PhD students Laura Galante and Mariana Muelbert

- Professor Hamish Spencer, *Why not do it now? The optimal waiting time for a Predictive Adaptive Response*
- Professor Mark Hanson, *Developmental plasticity and evolutionary medicine*
- Associate Professor Justin O'Sullivan, *The microbiome: the plasticity interface?*

2.50 pm AFTERNOON BREAK

3.05 pm PLENARY 5

International leadership in science policy interactions and science diplomacy

Co-chaired by Dr Tatjana Buklijas and PhD student Siobhan Tu'akoi

- Dr Vaughan Turekian, *Science diplomacy in the Gluckman era*
- Professor Sir Peter Gluckman, *Reflections from 39000 feet: Why sciences matter in a changing world*
- Sir Bill English, *Evidence in Policy*

4.25 pm THE GLUCKMAN PANEL

Chaired by Professor Frank Bloomfield

- Sir Bill English
- Professor Mark Hanson
- Professor John Challis
- Emeritus Professor Michael Heymann
- Professor Yap Seng Chong
- Professor Wayne Cutfield
- Professor Sir Peter Gluckman

5:10 pm SYMPOSIUM CLOSING REMARKS

5.20 pm DRINKS & NETWORKING

Join us for a tour of the Liggins Institute followed by a poster session with students and a chance to network with symposium attendees in the atrium of the FMHS building, 85 Park Rd, University of Auckland

7.00 pm EVENT CLOSE