Wednesday 19th October 2016

Registration
7:00am - 6:00pm
Plaza Auditorium Foyer

Welcome Address
8:30am - 8:40am
Plaza Auditorium

Keynote #1
8:40am - 9:40am
Plaza Auditorium
Chairs: TBC

8:40 AM Barry Popkin
Sugar in our beverage supply: Patterns, Consequences, Policy Options

ANZOS Young Investigator Award
9:40am - 10:00am
Plaza Auditorium
Chairs: TBC

Morning Tea
10:00am - 10:30am
Plaza Auditorium Foyer

Concurrent session: What's Hot
10:30am - 12:30pm P6
Chairs: Amanda Page & Hui Li

10:30 AM Emma Whitelaw
Epigenetics and Obesity

11:00 AM Mark Morrison
What’s hot in obesity: the microbiome

11:30 AM Paul Lee
Hot and sweet: brown fat beyond thermo-regulation in humans

12:00 PM Jessica E Beilharz
Short-term exposure to energy-matched diets enriched in fat or sugar differentially affects memory, gut microbiota and markers of brain inflammation and plasticity

12:15 PM Sandra Galic
AMPK-ACC signalling is required for increasing appetite under conditions of metabolic stress

Concurrent session: Unspoken Dysfunctions in Obesity
10:30am - 12:30pm P7
Chairs: Claire Madigan & Jerry Greenfield
10:30 AM **Evelyn Smith**  
Executive dysfunction in obese individuals

11:00 AM **Katherine Tonks**  
Interactions between insulin resistance and bone health

11:30 AM **Julio Licinio**  
Is the increased exposure to antidepressants a key contributor to the obesity pandemic?

12:00 PM **Vicky Drapeau**  
Impact of energy restriction on eating behaviour traits in individuals with low satiety efficiency

12:15 PM **Leonie Ruddick-Collins**  
The effects of increasing dietary protein during energy balance and energy restriction on homeostatic and hedonic processes

**Concurrent session: Changing the Food System**  
10:30am - 12:30pm  
P8  
Chairs: Marina Reeves & Amanda Lee

10:30 AM **Adrian Cameron**  
Nudging supermarket customers toward healthier eating *id# 36490*

11:00 AM **Julie Brimblecombe**  
Can price discounts on healthy food influence spending in an extremely socioeconomically disadvantaged population?: The SHOP@RIC study

11:30 AM **Debra Hector**  
Healthy Food Environments: navigating, synthesising and communicating the quagmire of evidence to inform policy-making

12:00 PM **Oliver Huse**  
The effect on beverage sales of removal of unhealthy beverages from display in a self-service café

12:15 PM **Jeremaia JC Coriakula**  
Import Duty of Palm Oil: A case study of policy making in Fiji

**Lunch**  
12:30pm - 12:45pm  
Plaza Auditorium Foyer

**Oral / Poster Session**  
12:45pm - 2:00pm  
Plaza Auditorium Foyer  
Chairs: Jon Whitehead & Cliona Ni Mhurchu

12:45 PM **Andrew J McAinch**  
O-1918 does not alter food intake, body weight or adiposity but reduces appetite
hormones and increases certain pro-inflammatory cytokines in a diet induced obesity model

12:48 PM Hui Li
NADPH oxidase modulates leptin effects on gastric vagal afferent mechanosensitivity.

12:51 PM Fahrettin Haczeyni
Voluntary exercise improves metabolic and hepatic phenotypes in dietary but not metabolic obesity in male mice.

12:54 PM Stewart D Christie
Rapid altering light cycles promotes increased hepatic glucose uptake and de novo lipogenesis

12:57 PM Priya Sumithran
Mismatch in weight loss goals between patients with obesity and healthcare practitioners

1:00 PM Sarah Price
Pilot Study: The impact of substantial pre-conception weight loss in obese women on glucose control at 26-28 weeks of pregnancy

1:03 PM Cilla Haywood
Improvement in SF-36-derived health utility score with liraglutide 3.0 mg versus placebo over 3 years in prediabetes

1:06 PM Trisha O'Moore-Sullivan
Reduction in the risk of developing type 2 diabetes (T2D) with liraglutide 3.0 mg in individuals with prediabetes and obesity or overweight from the SCALE Obesity and Prediabetes randomised, double-blind, placebo-controlled trial

1:09 PM Rebecca KC Loh
Does chronic treatment with a thiazolidinedione increase brown fat thermogenesis in humans?

1:12 PM Alison McAleese
Investigation into availability of kilojoule information in Victorian chain food outlets

1:15 PM Margarita D Tsiros
Sedentary behaviours and adiposity in 10-13 year olds: how long, how much and what?

1:18 PM Ahreum Han
Treatment seeking people with obesity still in need of nutrition education

1:21 PM Andrew Brown
System Dynamics Modelling to Increase Water Consumption in a Community

1:24 PM Megan Hammersley
Parent-focused childhood overweight and obesity eHealth interventions: a systematic review and meta-analysis
1:27 PM Rozanne Kruger
   Dietary intake of New Zealand European women with different body composition profiles –
   the women’s EXPLORE study

Cross-Cutting Symposium - Does Sugar Cause Obesity?
2:00pm - 4:00pm       Plaza Auditorium
Chair: Tim Gill

2:00 PM Margaret Morris
   Impact of sugar – brain, gut and beyond

2:30 PM Chris Rayner
   Sweet taste in the gut – implications for diabesity

3:00 PM Kieron Rooney
   Sugar Free Societies: How do we get there and will it be worth it in the end?

Afternoon Tea
4:00pm - 4:30pm       Plaza Auditorium Foyer

Keynote #2
4:30pm - 5:30pm       Plaza Auditorium
Chair: Leonie Heilbronn

4:30 PM Norbert Stefan
   The role of NAFLD and Hepatokines in Metabolism

Welcome Function & Poster Session
5:30pm - 7:00pm       Plaza Auditorium Foyer

Attendance at Posters from 18:00 - 18:30

GP Evening Symposium - Obesity Management; from before birth and beyond
7:00pm - 10:00pm       P6
Chair: John Dixon

Session sponsored by

7:00 PM Leonie Callaway
   Maternal Obesity: New Insights

7:20 PM Gary Leong
   Obesity in childhood

7:40 PM Trisha O'Moore-Sullivan
   Obesity management – lifestyle and therapeutics

8:00 PM Norbert Stefan
   Recognising NAFLD and what should be done?
ECR Networking Function
7:15pm - 9:00pm

Venue: The Plough Inn, Stanley St, South Brisbane
Note: This event is open to Early Career Researchers only.

Thursday 20th October 2016

Registration
6:30am - 6:00pm Plaza Auditorium Foyer

Breakfast Symposium
7:00am - 8:30am Plaza Auditorium Foyer

Early Career Research Award Presentations
8:00am - 10:00am Plaza Auditorium
Chair: Brian Oldfield

8:00 AM Paul N Mirabella
Glucose-sensing neurons of the mediobasal hypothalamus project to brown adipose tissue

8:12 AM Moe Thuzar
Effect of Glucocorticoid on Brown Adipose Tissue Function in Humans – A Randomised Double-blind Placebo Controlled Cross-over Study

8:24 AM Anita Lal
Cost-effectiveness and equity impacts of a sugar sweetened beverage tax in Australia

8:36 AM Sarah Kim
Abrogated glucocorticoid signalling in osteoblasts prevents diet-induced obesity, insulin resistance and bone loss

8:48 AM Ramy H Bishay
Circulating bile acids are associated with insulin resistance and visceral and liver fat in human subjects

9:00 AM Nadira Sultana kakoly
Gestational Diabetes Mellitus among young adult women with PCOS: Association with BMI trajectories over 13 years

9:12 AM Sahar Keshvari
Palmitoylation of the adiponectin receptors, AdipoR1 and AdipoR2, is essential for function in vitro and in vivo.

9:24 AM Ilaria Croci
The independent effects of dietary energy restriction and circuit exercise training on fat oxidation in patients with NAFLD
9:36 AM Keren Papier
Consumption of Sugar Sweetened Beverages and Type 2 Diabetes Incidence in Thai Adults: Results from an Eight Year Prospective Study

Morning Tea
10:00am - 10:30am Plaza Auditorium Foyer

Concurrent session: Novel Regulators of Lipid Metabolism - pathways to therapeutics?
10:30am - 12:30pm P6
Chairs: Michael Swarbrick & Denovan Begg

10:30 AM Clay Semenkovich
Lipid metabolism and the complications of diabetes

11:00 AM Carsten Schmitz-Peiffer
Protein Kinase Ce in adipose tissue - not merely an effector but a regulator of lipid intermediates?

11:30 AM Clinton Bruce
Ectopic lipids and defective glucose metabolism: cause or association?

12:00 PM Matthew J Watt
Do factors secreted from the fatty liver cause diabetes?

Concurrent session: Outwitting the Obesity / Diabetes Connection
10:30am - 12:30pm P7
Chairs: Cilla Haywood & Dorit Samocha-Bonet

10:30 AM John Dixon
Diabetes Surgery - has the time arrived?

11:00 AM Norbert Stefan
Prediabetes Phenotypes improve Prediction and Prevention of Type 2 Diabetes

11:30 AM Nora Straznicky
Metabolic Syndrome: Sympathetic (Neural) Perspectives

12:00 PM Alice Tang
Insulin-sensitive overweight/obese individuals remain as insulin sensitive and normotensive as lean subjects over 6 years

12:15 PM Evelyn B Parr
Effects of a large breakfast versus large dinner on 24-h blood glucose profiles during a day of prolonged sedentary behaviour

Concurrent session: Fiscal Interventions
10:30am - 12:30pm P8
Chairs: Jane Martin & Anita Lal
10:30 AM Barry M Popkin
   The Mexico Experience with SSB and Junk Food Taxes: Impact after 1 and 2 years of the taxes

11:00 AM Kathryn Backholer
   Enabling healthy food and beverage choices: is the price right?

11:30 AM Lennert Veerman
   Modelling the health impact of taxing sugared drinks in Australia and South Africa

12:00 PM Amanda Lee
   Healthy Diets ASAP (Australian Standardized Affordability and Pricing) methods and results: Are healthy diets really more expensive and how would price be affected by changes to the GST?

12:15 PM Megan Ferguson
   Food pricing strategies aimed at improving health in remote Indigenous communities

Lunch
12:30 pm - 1:00 pm Plaza Auditorium Foyer

Poster Session
1:00 pm - 1:30 pm Plaza Auditorium Foyer

RACGP - Obesity Special Interest Group
1:00 pm - 1:30 pm P6

Cross-Cutting Symposium - Odyssey through the “Diabesity” Landscape
1:30 pm - 3:30 pm Plaza Auditorium
   Chair: Sof Andrikopoulos

1:30 PM Mark Febbraio
   IC7: a novel therapy for the treatment of metabolic disease

2:00 PM John Wentworth
   Obesity and Diabetes: friend or foe?

2:30 PM Sophia Zoungas
   Current controversies in diabetes management: lessons from the mega trials

Afternoon Tea
3:30 pm - 4:00 pm Plaza Auditorium Foyer
Keynote #3
4:00pm - 5:00pm Plaza Auditorium
Chair: TBC

4:00 PM Clay Semenkovich
Walt Whitman, Herman Melville, and the Challenges of Obesity and Diabetes

Concurrent session: Diabetes via the Gut, CNS and BAT again
5:00pm - 6:00pm P6
Chair: Andrew McAinch

5:00 PM Amanda J Cox
Increased intestinal permeability as a risk factor for type 2 diabetes in obesity

5:15 PM Denovan P Begg
Insulin transport and activity in the central nervous system

5:30 PM Dana S Hutchinson
Signal transduction pathways activated by the orexigenic gut derived hormone insulin-like peptide 5 at relaxin family peptide receptor 4

5:45 PM Brian Oldfield
Insights into the trajectory of neuronal projections to brown adipose tissue derived from the use of novel "brainbow" neurotropic viruses

Concurrent session: Manipulating meal size and composition for health
5:00pm - 6:00pm P7
Chairs: Tanya Little & Andrew McAinch

5:00 PM Tanya J Little
Oleoyl ethanolamine and endocannabinoid responses to intraduodenal lipid infusion in humans: relationships with BMI and energy intake

5:15 PM Bo Liu
Weight loss and tissue remodelling following 8-week calorie restriction or intermittent fasting in females who are overweight and obese

5:30 PM Shaan S Naughton
The influence of meals containing differing fatty acid compositions on appetite parameters in overweight and obese individuals

5:45 PM Helen Parker
Cognitive performance in normal weight and obese young women and its association with omega-3 PUFA

Concurrent session: Public health policy
5:00pm - 6:00pm P8
Chairs: Gary Sacks & Belinda Morley
5:00 PM Emily Haynes
To nanny or nudge to prevent obesity? An analysis of the ‘intrusiveness’ of stakeholder recommendations to the Australian Government.

5:15 PM Bianca Bullivant
Understanding attitudes towards the integration of obesity and eating disorders health promotion among key stakeholders: A focus group study

5:30 PM Sharyn Lymer
The impact of weight-loss interventions on health expenditure in Australia: evidence from a microsimulation model of obesity and chronic disease

5:45 PM Amanda Lee
Improving nutrition in Australia and globally: lessons from Mai Wiru and the Anangu Pitjantjatjara Yankunytjatjara Lands

Concurrent session: A public health view across the life stages
5:00pm - 6:00pm
Chairperson: Lynne Millar

5:00 PM Louise L Hardy
A new index to examine junk food consumption among Australian children: trends and associated characteristics

5:15 PM Lucinda Bell
Feasibility of an online PEACH™ (Parenting, Eating and Activity for Child Health) Lifestyle program for parents of primary school children

5:30 PM Lisa J Moran
Weight management practices associated with Polycystic Ovary Syndrome and their relationships with diet and physical activity

5:45 PM Simone Pettigrew
Seniors’ food shopping priorities

ANZOS AGM
6:00pm - 6:30pm

Conference Dinner
7:30pm - 11:00pm
Boulevard Room
Friday 21st October 2016

Registration
6:30am - 2:00pm
Plaza Auditorium Foyer

Breakfast Symposium
7:00am - 9:00am
Plaza Auditorium Foyer

Presidents Symposium - Exercise Physiology and Physical Activity - Same same or different?
9:00am - 10:00am
Plaza Auditorium
Chair: Brian Oldfield

9:00 AM **Nuala Byrne**
Understanding human movement and energy expenditure - how far have we wandered and are we on the right track?

9:30 AM **Mark Hargreaves**
Exercise: Understanding physiology and molecular mechanisms - a pathway to therapies

Morning Tea
10:00am - 10:30am
Plaza Auditorium Foyer

Concurrent Session - Molecular features of lifestyle interventions - diet, exercise ... and pharmacology
10:30am - 12:30pm
Chair: Nuala Byrne

10:30 AM **Nolan Hoffman**
Talk title to be provided

11:00 AM **Frederik J Steyn**
When calories aint calories - reminding your brain that you should be full

11:30 AM **Thomas Tsiloulis**
Impact of Endurance Exercise Training on Adipocyte miRNA Expression in Overweight Men

11:45 AM **Claire J Foldi**
CNS reward pathways and anorexia nervosa (AN) - insights from a rat model.

12:00 PM **Shelley Gorman**
Harnessing the sun to halt obesity: vitamin D, nitric oxide and brown adipose tissue

12:15 PM **Jon Whitehead**
Investigating the molecular basis and therapeutic potential of the Heme oxygenase-1 (HO-1) – adiponectin axis
Concurrent session - Therapeutic and lifestyle management of obesity
10:30am - 12:30pm
Chair: Joseph Proietto

10:30 AM Frank Greenway
Treating Diabetes and Obesity Using the Gut Microbiome Involves Dietary Diversity

11:00 AM Joseph Proietto
Early weight loss responders to liraglutide 3.0 mg had greater weight loss, regression to normoglycaemia, and reduced T2D development at 3 years vs early non-responders: SCALE Obesity and Prediabetes

11:15 AM Tania Markovic
Liraglutide 3.0 mg reduces body weight and improves cardiometabolic risk factors in adults with obesity or overweight, but without diabetes: the SCALE Obesity and Prediabetes randomised, double-blind, placebo-controlled 3-year trial

11:30 AM Shelley E Keating
Effects of exercise on appetite and gut hormones: implications for weight management.

11:45 AM Kerryn W Chisholm
Tertiary level management of severe paediatric obesity-Interventions must focus on younger children and address attrition rates.

12:00 PM Jessica McMaster
Metabolic and nutrition-related effects of a duodenal-jejunal bypass sleeve in patients with obesity and Type II diabetes: preliminary results of a pilot study

12:15 PM Gina Cleo
Do making habits or breaking habits influence weight loss and weight loss maintenance? A randomised controlled trial.

Concurrent session - Public health updates
10:30am - 12:30pm
Chairs: Anna Peeters & Kathryn Backholer

10:30 AM Annette Dobson
How many Australian women will be obese in twenty years’ time?

10:45 AM Belinda Morley
LiveLighter Mass Media Campaign is Associated with Reduced Sugary Drink Consumption

11:00 AM Miranda R Blake
Impact of a sugar sweetened beverage price increase in a convenience store
11:15 AM Jennifer Browne
   You Wouldn’t Eat 16 Teaspoons of Sugar – So Why Drink it? Community Response to the Aboriginal Rethink Sugary Drink Advertisement

11:30 AM Cliona Ni Mhurchu
   Effects of interpretive front-of-pack nutrition labels on consumer food purchases: a randomized controlled trial

11:45 AM Zenobia Talati
   The potential of front-of-pack labels on unhealthy foods to counteract the misleading effects of health claims

12:00 PM Caroline Miller
   Attributes used by consumers to assess alternative front-of-pack food labelling systems

12:15 PM Nicholas Fuller
   Comparison of an electronic versus traditional food diary for assessing dietary intake – a validation study

Concurrent session - Managing childhood obesity: Learnings from the implementation of two statewide programmes
10:30am - 12:30pm
Chair: Helen Vidgen
Panel discussion: Services for children who are already overweight and obese: is it prevention, treatment or universal child health and why does it matter? A case study of Queensland

Panel members represent the continuum of health care in Queensland:

- Division of the Chief Health Officer, Queensland Department of Health,
- The Lady Cilento Children’s Hospital,
- Children’s Health Queensland Community Child Health,
- Health and Hospital Service representative
- Primary Health Network representative
- Aboriginal and Torres Strait Islander Community Controlled Health Service
- Prof Louise Baur

10:30 AM Louise Baur
   Managing children and adolescents affected by overweight and obesity: implications for health systems

10:50 AM Jacqueline Miller
   Key learnings from the PEACH program in Queensland
11:00 AM **Christine Innes-Hughes**  
Key lessons from the Go4Fun program in NSW

11:10 AM **Penelope Love**  
What are the implementation barriers and enablers for childhood obesity management services?

**Lunch**  
12:30pm - 1:00pm  
Plaza Auditorium Foyer

**Poster Session**  
1:00pm - 1:30pm  
Plaza Auditorium Foyer

**Cross-Cutting Symposium - Obesity Management; all hands on deck?**  
1:30pm - 3:30pm  
P6  
Chair: Tania Markovic

1:30 PM **Jeff Coombes**  
Exercise for managing obesity related chronic disease *id# 36818*

2:00 PM **Nic Kormas**  
Levels of Lifestyle Management & How They Impact on Obesity Management

2:30 PM **Anna Peeters**  
Effective and equitable population obesity prevention- why we need all hands on deck

**Cross-Cutting Symposium - Efficacy and timing of childhood interventions**  
1:30pm - 3:30pm  
P7  
Chair: TBC

1:30 PM **Beverly Muhlhausler**  
Critical Windows in the Early Life Origins of Obesity and Food Preferences

2:00 PM **Kylie Hesketh**  
What is the evidence for effective obesity prevention strategies across childhood?

2:30 PM **Louise Baur**  
Challenges of interventions in adolescents with obesity

**Networking Drinks**  
3:30pm - 4:30pm  
Plaza Auditorium Foyer