



Wednesday 4th October 2017

Registration

7:00AM - 6:30PM

Ground Floor East Building Atrium

Breakfast Session - Healthy Kids for Professionals: weight management resources for health professionals

7:15AM - 8:15AM

Panorama Room 1

One in four children in NSW are above a healthy weight and 80% of these children will be above a healthy weight as adults, however there's a lot health professionals can do now to help children and families.

This session will provide health professionals with practical tools and resources to help accurately identify a children's weight status, raising the issue in a variety of settings, manage and refer to programs and other clinicians in your local area.

The focus will be increasing your skills and confidence in sensitively raising the issue of healthy weight with families, the language to use and trying a variety of approaches to engage families.

Further information and resources can be found at the Healthy Kids for Professionals website pro.healthykids.nsw.gov.au. Resources briefly covered and available on the website include:

- understand the health and social impacts of children above a healthy weight
- accurately assess a child's weight status and identify children above a healthy weight
- sensitively discuss the issue of weight status with their families
- communicate key lifestyle messages sensitively to parents
- provide children and families with resources and practical support to make positive lifestyle changes
- refer children and families in your area to specialist services and programs.

This breakfast symposium is



hosted by

Breakfast Session: Evolving technologies in bariatric surgery

7:15AM - 8:15AM

Panorama Room 3

Michael Talbot



This breakfast symposium is

hosted by

Welcome Address

8:15AM - 8:25AM

Hall D

Keynote #1

8:25AM - 9:25AM

Hall D

Chair: Brian Oldfield



8:25 AM **Randy Seeley**
Beyond restriction and malabsorption. Identifying the molecular mechanisms for bariatric surgeries on obesity and diabetes *abs# 1*

ANZOS Young Investigator Award

9:25AM - 9:45AM Hall D

Chair: Tim Gill

Morning Tea

9:45AM - 10:15AM
Foyer E & E2/E3

Cross Cutting Symposium #1 - Forward insights: What is on the horizon?

10:15AM - 12:30PM Hall D

Chair: Kieron Rooney
Co-Chair: George Hopkins

- 10:15 AM **Fabio Gomes**
Obesity prevention technologies *abs# 2*
- 10:35 AM **Samantha Hocking**
Personalised Medicine for obesity – possible or pipe-dream? *abs# 3*
- 10:55 AM **Mark Febbraio**
Skeletal muscle secretory proteins: a link between regular physical activity and reduced disease risk in obesity? *abs# 4*
- 11:15 AM **Francesco Rubino**
Developments in metabolic surgery: now and future *abs# 5*
- 11:35 AM **Michael Talbot**
Advances in surgical technologies: endoscopic horizons *abs# 6*
- 11:55 PM **Q&A discussion**

Lunch

12:30PM - 2:00PM Foyer E & E2/E3

Oral Poster Presentations

1:10PM - 2:00PM Hall D

Chair: Leonie Heilbronn

1:15 PM **Yen-Hui Chiu**
Impaired of inflammatory cell recruitment was one of the key factors for attenuating muscle regeneration in obese mice fed with high-fructose diet *abs# 193*

JOINT SCIENTIFIC MEETING



ANZOS
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ADELAIDE CONVENTION
AND EXHIBITION CENTRE

- 1:18 PM **Megan S Grace**
The effects of prolonged sitting on vascular inflammatory mechanisms: implications for leukocyte adhesion and atherogenesis *abs# 194*
- 1:21 PM **Mathieu Méquinion**
Phenotypic characterization of Agouti related peptide (AgRP) neurons knock out mouse for the Carnitine palmitoyl transferase 1a (CPT1a). *abs# 195*
- 1:24 PM **Michael D Kendig**
Variety and cue-potentiated feeding *abs# 196*
- 1:27 PM **Samuel K Pinto**
Acute effects of morning and afternoon exercise on postprandial blood glucose regulation in overweight young adults with a family history of type 2 diabetes *abs# 197*
- 1:30 PM **Jennifer Marks**
Is school community perception of weight status a barrier for addressing childhood obesity? A case study *abs# 198*
- 1:33 PM **Jane Martin**
Are supermarket foods promoted to children healthy? *abs# 199*
- 1:36 PM **Harsha Chandraratna**
Banded Laparoscopic Sleeve Gastrectomy – Two year results. *abs# 200*
- 1:39 PM **Carolyn Jameson**
Sydney Bariatric Clinic Experience - Laparoscopic single-stage revision from adjustable gastric banding to sleeve gastrectomy and one anastomosis gastric bypass *abs# 201*
- 1:42 PM **Libby McBride**
Review of patients requiring iron infusions during a two year period (Jan 2013 – Dec 2014) in an Australian surgical centre. *abs# 202*
- 1:45 PM **Carel Le Roux**
Early responders to liraglutide 3.0 mg as adjunct to diet and exercise from the SCALE Maintenance trial *abs# 203*
- 1:48 PM **Muhammad Daniel Azlan Mr Mahadir**
A qualitative insight on nutrition and lifestyle behaviour among Malaysian adults with metabolic syndrome *abs# 204*
- 1:51 PM **Joshua Satchwell**
Initial Australian experience with endoscopic suturing for gastrojejunal outlet dilatation as a treatment for weight regain after roux-en-y gastric bypass *abs# 205*
- 1:54 PM **Linda C Tapsell**
The effect of nut consumption on markers of inflammation and endothelial function: a systematic review and meta-analysis *abs# 206*
- 1:57 PM **Tim Gill**
Factors that define people who have successfully self-managed weight loss *abs# 207*

19th AOASO Council Meeting

1:00PM - 2:00PM

Room E1

Concurrent #1 OSSANZ Integrated Health/Surgery - Crossing boundaries: Where are we now?

2:00PM - 4:00PM

Hall D

Chair: George Hopkins

Co-Chair: Narelle Story



- 2:00 PM **Francesco Rubino**
Modern understandings on mechanisms of surgery : mechanical or physiological? *abs# 7*
- 2:15 PM **Kelvin Higa**
Optimising surgical outcomes *abs# 8*
- 2:30 PM **John Dixon**
What do we know about long term outcomes & emerging complications *abs# 9*
- 2:45 PM **David Martin**
Patterns of surgery in Australia & the single anastomoses gastric bypass in Australia: Are we there yet? *abs# 10*
- 3:00 PM **Simon Wong**
Bariatric Surgery in Asia Pacific - Shock & awe *abs# 11*
- 3:15 PM **Linda Tapsell**
Evidence for an interdisciplinary team *abs# 12*
- 3:30 PM **Carel Le Roux**
The modern metabolic clinic - interdisciplinary/multistage *abs# 13*
- 3:45 PM **Ahmad Aly**
Public bariatric surgery: Is a national framework possible? - summit outcomes *abs# 14*

Concurrent #2 ANZOS Public Health - Measurement techniques

2:00PM - 4:00PM

Room E1

Chairs: Anna Peeters

Co-Chair: Aimee Brownbill

- 2:00 PM **Steve Allender**
Measurement in community settings *abs# 15*
- 2:30 PM **Gilly Hendrie**
Understanding the limitations of dietary assessment methods and how they impact on reported dietary intake *abs# 16*
- 3:00 PM **Tim Gill**
How and why we need to measure sugar in our diet *abs# 17*
- 3:40 PM **Katherine L Downing**
Mini Movers: a randomised controlled trial to reduce sedentary behaviour in 2- to 4-year-old children *abs# 18*
- 3:55 PM **Crystal MY Lee**
The cost of obesity and diabetes in Australia *abs# 19*

Concurrent #3 ANZOS Clinical - Dietary manipulation for obesity

2:00PM - 4:00PM

Panorama Room 1

Chair: Dorit Samocha-Bonet

Co-Chair: Hiba Jebeile

- 2:00 PM **Jenny Gunton**
Brown fat, more diet and lifestyle? *abs# 20*
- 2:30 PM **Steven Smith**
Metabolic flexibility drives energy expenditure *abs# 21*
- 3:00 PM **Dorit Samocha-Bonet**
The obesity phenome *abs# 22*



- 3:30 PM **Barbora de Courten**
Vitamin D supplementation has no effect on insulin sensitivity or secretion in vitamin D-deficient, overweight or obese adults: a randomized placebo-controlled trial. *abs# 23*
- 3:45 PM **Tania Markovic**
Is bariatric surgery safe and effective for patients with super obesity? *abs# 24*

Concurrent #4 ANZOS Basic Science - Gut-Brain

2:00PM – 4:00PM Panorama Room 2

Chair: Richard Young
Co-chair: Gudrun Schober

- 2:00 PM **Randy Seeley**
The myth of GLP-1 as a gut hormone: Implications for GLP-1-based therapies *abs# 25*
- 2:30 PM **Damien Keating**
Using human tissue to understand the relevance of the gut endocrine system in obesity *abs# 26*
- 3:00 PM **Stephen Simpson**
The geometric framework for nutrition as a tool for precision medicine *abs# 27*
- 3:30 PM **Amanda Page**
Shifting light cycles abrogates circadian rhythmicity of gastric vagal afferent satiety signalling. *abs# 28*

Concurrent #5 AOCO Rising Star Symposium

2:00PM - 4:00PM Panorama Room 3

Chairs: Gary Wittert
Co-Chair: Kyoung-Kon Leonard Kim

- 2:00 PM **Lee Ling Lim**
Association of *mTOR* genetic variants with anthropometric traits in postmenopausal Chinese with type 2 diabetes: the Hong Kong Diabetes Registry *abs# 30*
- 2:20 PM **Yu Mi Kang**
Secreted frizzled-related protein 5 restores Wnt5a-induced impairment of vasorelaxation and might act as a compensatory factor against atherosclerosis in patients with metabolic dysfunction. *abs# 31*
- 2:40 PM **Izzuddin M Aris**
Modifiable risk factors in the first 1000 days for subsequent risk of childhood overweight in an Asian cohort *abs# 32*
- 3:00 PM **Yuta Hiraike**
NFIA controls the brown fat gene program by co-localizing with ppar γ at cell-type-specific enhancers *abs# 33*
- 3:20 PM **Chien-Hsieh Chiang**
Obesity and physical activity linked to hepatocellular carcinoma mortality in individuals with or without diabetes mellitus *abs# 34*
- 3:40 PM **Amy Hutchison**
Effects of intermittent fasting, with and without calorie restriction, on human metabolic health *abs# 35*

Afternoon Tea

4:00PM - 4:30PM Foyer E & E2/E3



Integrated Health Psychologists' Meeting

4:05PM – 4:30PM

Room E1

Keynote #2

4:30PM - 5:30PM

Hall D

Chair: Jeff Hamdorf

4:30 PM

Francesco Rubino

The surgical treatment of diabetes *abs# 36*

Welcome Function

5:30PM - 7:00PM

Foyer E & E2/E3

Poster Session 1

5:30PM - 7:00PM

Foyer E & E2/E3

GP Evening Symposium - Obesity- where do we go beyond lifestyle?"

7:00PM - 10:00PM

Room E1

Speakers:

- Carel Le Roux
- Steve Smith
- Gary Leong
- John Dixon



This conference acknowledges the

sponsorship of

ECR Networking Function

7:00PM - 10:00PM

*Located offsite - Phonatic Restaurant
171 Hindley Street Adelaide 5000 SA*

Surgical Dinner

7:00PM - 10:00PM

*Located offsite - Adelaide Oval Function Room
War Memorial Dr, North Adelaide SA 5006*

This conference acknowledges the sponsorship of



Thursday 5th October 2017

Registration

7:00AM - 5:30PM

Ground Floor East Building Atrium

Breakfast Session - Pharmacological Adjuncts to Bariatric Surgery

7:15AM - 8:15AM

Panorama Room 1

Speaker:

- **Carel Le Roux, UCD Dublin**
Introduction and preclinical snippets from Professor Brian Oldfield, *President ANZOS, Monash University*



This breakfast session is sponsored by

Keynote #3

8:15AM - 9:15AM

Hall D

Chair: Leonie Heilbronn

- 8:15 AM **Steven Smith**
Unraveling the links between adiposity and metabolic disease *abs# 37*

Morning Tea

9:15AM - 9:45AM

Foyer E & E2/E3

Cross Cutting Symposium #2 - Solving the obesity epidemic

9:45AM - 12:00PM

Hall D

Chair: Gary Wittert
Co-Chair: Michael Talbot

- 9:45 AM **Ian Caterson**
Obesity management is stymied by clinical ignorance *abs# 38*
- 10:05 AM **Jane Martin**
Action to prevent obesity in Australia - are we making progress? *abs# 39*
- 10:25 AM **Mark Sleeman**
Where is the next obesity candidate drug coming from? *abs# 40*
- 10:45 AM **Kelvin Higa**
World perspective on the role of bariatric surgery *abs# 41*



11:05 AM **Ahmad Aly**
What's happening & needs to happen in Australia *abs# 42*

ANZOS ECR Best Abstracts

9:45AM - 12:00PM Room E1

Chair: Zane Andrews

9:45 AM **Cheuk man C Lee**
Mechanisms underlying the efficacy of a rodent model of sleeve gastrectomy– a focus on energy expenditure *abs# 43*

10:00 AM **Kira Edwards**
The Relationship between Degree of Weight Loss and Changes in Gut Hormones that Control Hunger and Satiety *abs# 44*

10:15 AM **Vincy Li**
Dynamic simulation modelling for guiding action on childhood overweight and obesity *abs# 45*

10:30 AM **Alyce M Martin**
Gut serotonin is a signalling nexus between the gut microbiome and host metabolism *abs# 46*

10:45 AM **Amy T Hutchison**
Effects of intermittent fasting, with and without calorie restriction, on human metabolic health *abs# 47*

11:00 AM **Thomas Lung**
Impact of overweight and obesity on life expectancy in Australian adults aged 20-29 years *abs# 48*

11:15 AM **Arthe Raajendiran**
Identification and characterisation of human adipocyte precursor cells *abs# 49*

11:30 AM **Hiba Jebeile**
The intermittent fast diet in adolescents with obesity: a pilot study *abs# 50*

11:45 AM **Emma Gearon**
The burden of inaction on socioeconomic differences in obesity among Australian adults *abs# 51*

AOCO Regional Update Symposium

10:00AM - 12:00PM Panorama Room 1

Chair: Ismail Mohd Noor
Co-Chair: Tim Gill

10:00 AM **Brian Oldfield**
The Australian experience - ANZOS initiatives *abs# 52*

10:15 AM **Chun Chung Francis CHOW**
EatSmart@school.hk: A 10-year interim evaluation *abs# 53*

JOINT SCIENTIFIC MEETING



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ADELAIDE CONVENTION
AND EXHIBITION CENTRE

- 10:30 AM **Dante S Harbuwono**
Indonesia's effort in combating obesity *abs# 54*
- 10:45 AM **Kwang Wei Tham**
Changes in metabolic parameters and energy expenditure of morbidly-obese individuals after bariatric surgery. *abs# 55*
- 11:00 AM **ISMAIL MOHD NOOR**
Obesity in Malaysia: Issues and challenges *abs# 56*
- 11:15 AM **Soon Jib Yoo**
Central obesity measured by controlled attenuation parameter but not body mass index is more important factor to predict significant steatosis *abs# 57*
- 11:30 AM **Banshi Saboo**
Can Interventions in Childhood Obesity Prevent Adult Diabetes? *abs# 58*

Lunch

12:00PM - 1:00PM

Foyer E & E2/E3

Poster Session 2

12:00PM - 1:00PM

Foyer E & E2/E3

RACGP Obesity Special Interest Group

12:00PM – 12:55PM

Panorama Room 1

Integrated Health Bariatric Physicians' Meeting

12:00PM – 12:55PM

Room E1

Integrated Health Dietitians' Meeting

12:00PM – 12:55PM

Panorama Room 2

Concurrent #6 OSSANZ Surgical - Sleeve gastrectomy: All you need to know

1:00PM - 3:00PM

Hall D

Chairs: Ken Loi

Co-Chair: Jaime Ponce

1:00 PM

Ahmad Aly

Facing the future: gradient of doom? *abs# 59*

JOINT SCIENTIFIC MEETING



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ADELAIDE CONVENTION
AND EXHIBITION CENTRE

- 1:05 PM **Randy Seeley**
Mechanism of Sleeve Gastrectomy & Are All Sleeves Doomed To Fail *abs# 60*
- 1:15 PM **Anthony Clough**
Is sleeve the perfect bariatric procedure for Australia & NZ? *abs# 61*
- 1:25 PM **Francesco Rubino**
Is sleeve a sustainable diabetes treatment? *abs# 62*
- 1:35 PM **Steven Kelly**
Sleeve at the ends of the age bell curve: Good idea? Bad idea? No idea? *abs# 63*
- 1:45 PM **John Jorgensen**
Revision for poor weight loss: any role for resleeve? *abs# 64*
- 1:55 PM **Kelvin Higa**
Revision for poor weight loss: does RYGB make sense? *abs# 65*
- 2:05 PM **Michael Booth**
Revision for poor weight loss -single anastomoses gastric bypass is the answer? *abs# 66*
- 2:15 PM **Jason Free**
Revision for poor weight loss - Sleeve to SADI *abs# 67*
- 2:25 PM **Jason Maani**
Complications: is reflux really a problem? *abs# 68*
- 2:35 PM **Michael Talbot and Nazy Zarshenas**
Management of surgical and nutritional sequelae in patients with Sleeve Gastrectomy Leaks *abs# 69*
- 2:45 PM *Q&A discussion*

Concurrent #7 OSSANZ Integrated Health

1:00PM - 3:00PM

Room E1

Chair: Merril Bohn

Co-Chair: Pennie Taylor

- 1:00 PM **Tamasin Taylor**
Attrition factors and ethnicity on the preoperative pathway in publically funded bariatric surgery in New Zealand *abs# 70*
- 1:10 PM **Kate Berridge**
The acquisition of self-care skills post-bariatric surgery is not intuitive. *abs# 71*
- 1:20 PM **Tom P Walsh**
Fat mass, but not fat-free mass, predicts increased foot pain with morbid obesity, independent of bariatric surgery. *abs# 72*
- 1:30 PM **Clare Tancabel**
Annual Reviews in Bariatric Surgery: Patient Perspectives and Progress *abs# 73*
- 1:40 PM **Yuni Ongso**
Can Preoperative Weight Loss Predict the Outcome of Sleeve Gastrectomy? *abs# 74*
- 1:50 PM **Belinda Johnston**
Nutritional issues following emergency sleeve gastrectomy in a patient with anorexia nervosa and ischaemic stomach *abs# 75*
- 2:00 PM **Andrea M Schroeder**
"I had weight loss surgery but it didn't fix me"....when behavioural modification isn't enough. A novel but fundamental approach to follow-up after weight loss surgery – an evaluation of a revised program in a residential retreat facility in New Zealand *abs# 76*
- 2:10 PM **Alex Shirley**
Applying motivational interviewing techniques to assist patients to create new supportive lifestyle behaviours after bariatric surgery *abs# 77*
- 2:20 PM **Russell J Phillips**
Influence of Bougie size on drinking capacity post sleeve gastrectomy. *abs# 78*



- 2:30 PM **Alison Venn**
A qualitative study of the role of Australian general practitioners in the surgical management of obesity *abs# 79*
- 2:40 PM **Sharin Pradhan**
Outcome of laparoscopic sleeve gastrectomy among public and private patients: single institution experience *abs# 80*

Concurrent #8 ANZOS Public Health - Marketing and social marketing

1:00PM - 3:00PM Panorama Room 1

Chair: Caroline Miller

- 1:00 PM **Belinda Morley**
Social marketing in obesity prevention: the example of 'livelighter' *abs# 81*
- 1:30 PM **Sarah Durkin**
Use of traditional, online and social media in public communication campaigns to change preventive health behaviours *abs# 82*
- 2:00 PM **Wendy Watson**
The case for restricting food marketing and sponsorship *abs# 83*
- 2:30 PM **Joanne Dono**
Sugary drink consumption: It's time to address attitudes, beliefs and associated behaviours *abs# 84*
- 2:45 PM **Philippa Niven**
Public vs. expert opinion: what's healthy eating? *abs# 85*

Concurrent #9 ANZOS Clinical - The gut is the key to obesity

1:00PM - 3:15PM Panorama Room 2

Chair: Ramy Bishay

Co-Chair: Christine Feinle-Bisset

- 1:00 PM **Amanda Cox**
Obesity – getting to the guts of the problem *abs# 86*
- 1:30 PM **Christine Feinle-Bisset**
Contributions of gut motor and hormone functions to regulate food intake in humans *abs# 87*
- 2:00 PM **Carel Le Roux**
How the gut talks to the brain *abs# 88*
- 2:30 PM **Amanda Lumsden**
Augmented capacity for intestinal serotonin release in obese subjects *abs# 89*
- 2:45 PM **Ester Yeoh**
Equivalent improvements in glycaemic variability in mildly obese Asian patients with diabetes treated with Roux-en-Y Gastric Bypass or GLP1 Receptor Agonist. *abs# 90*
- 3:00 PM **Ian D Caterson**
Impact of weight loss on health-related quality of life, as measured by SF-36 in the SCALE Obesity and Prediabetes trial of liraglutide 3.0 mg: 3-year data *abs# 91*

Concurrent #10 ANZOS Basic Science - Nutrition & cell metabolism

1:00PM - 3:00PM Panorama Room 3



Chair: Amanda Page

Co-Chair: Bo Liu

- 1:00 PM **Nigel Turner**
Increasing NAD biosynthesis to improve metabolism *abs# 92*
- 1:30 PM **Richard Young**
Do artificial sweeteners impact glycaemic control in healthy humans? *abs# 93*
- 2:00 PM **Christopher Proud**
The MNK protein kinases mediate adverse responses to high fat feeding *abs# 94*
- 2:30 PM **Denovan P Begg**
NPY neurons mediate the effects of chronic CNS insulin infusion on energy balance *abs# 95*
- 2:45 PM **Amanda E Brandon**
Preserved insulin sensitivity with increased liver de novo lipogenesis in obese high-starch fed mice *abs# 96*

Afternoon Tea

3:00PM - 3:30PM

Foyer E & E2/E3

Concurrent #11 OSSANZ Surgical - Free papers

3:30PM - 5:15PM

Hall D

Chair: Jeff Hamdorf

Co-Chair: Lilian Kow

- 3:30 PM **Paul O'Brien**
Presidents Paper: Long-term outcomes after bariatric surgery including 20 year data on gastric banding *abs# 97*
- 3:45 PM **George Hopkins**
Band to sleeve to bypass. Reasons and outcomes. *abs# 98*
- 3:55 PM **Jenifer Cottrell**
Establishment of a bariatric surgery clinical quality registry *abs# 99*
- 4:05 PM **Adrian Sartoretto**
Endoscopic Sleeve Gastroplasty for weight loss: efficacy and safety *abs# 100*
- 4:15 PM **Alexandr Kuzminov**
Public hospital admissions and emergency department presentations for patients wait-listed for public bariatric surgery in Tasmania, Australia: a state-wide cohort study *abs# 101*
- 4:25 PM **Tiffany A Hassen**
Oesophageal manometry is a valuable tool in the investigation of adverse symptoms in post-bariatric patients *abs# 102*
- 4:35 PM **Ruth Blackham**
A Systematic Review of The Role of Gut Microbiota In Bariatric Surgery: Prognostic And Therapeutic Implications *abs# 103*
- 4:45 PM **Laila Dr Sheikh**
Laparoscopic Silastic Ring Mini Gastric Bypass (SR-MGBP): up to 11 year results from a single centre *abs# 104*
- 4:55 PM **Tony Brancatisano**
One Anastomosis Gastric Bypass (OAGB) with insertion of the MiniMizer[®] Ring (MMR); early results. *abs# 105*



5:05 PM **Ruth Blackham**
Public bariatric surgery - Viability & outcomes *abs# 106*

Concurrent #12 OSSANZ Integrated Health - What should be the goal of metabolic surgery?

3:30PM - 5:00PM Room E1

Chair: Georgia Rigas
Co-Chair: Nazy Zarshenas

- 3:30 PM **Kelvin Higa**
Surgical perspective *abs# 107*
- 3:45 PM **John Dixon**
Medical perspective *abs# 108*
- 4:00 PM **Melissa Opolski**
Psychological perspective *abs# 109*
- 4:15 PM **Caitlyn Green**
Dietitian perspective *abs# 110*
- 4:30 PM **Andrea Schroeder**
Nursing perspective *abs# 111*
- 4:45 PM *Q&A discussion*

Concurrent #13 ANZOS Public Health

3:30PM - 5:30PM Panorama Room 1

Chair: Joanne Dono

- 3:30 PM **Kathryn Backholer**
Monitoring price promotions for all beverages sold within Australian supermarkets *abs# 112*
- 3:45 PM **Aimee Brownbill**
The positioning of sugary beverages as better for you via product labels in South Australian stores *abs# 113*
- 4:00 PM **Helen Dixon**
Harnessing the power of elite sport sponsorship to promote healthy eating by young adults *abs# 114*
- 4:15 PM **Simone Pettigrew**
Ten years later: Outcomes of the WA healthy food and drink policy *abs# 115*
- 4:30 PM **Charlene Shoneye**
"It's not a healthy meal if it's got a potato": Qualitative study to inform the development of LiveLighter TODAY *abs# 116*
- 4:45 PM **Emma Sainsbury**
An audit of food and beverage advertising on the Sydney metropolitan train network: regulation and policy implications *abs# 117*
- 5:00 PM **Jaimie A McGlashan**
Communities identify key complex drivers for obesity aligned with the Foresight Map but focus more on elements amenable to change *abs# 118*
- 5:15 PM **Maree Scully**
Competing with big business: Effects of messages to promote alcohol and sugary drink control policy *abs# 119*



Concurrent #14 ANZOS Clinical: Lifestyle management of obesity

3:30PM - 5:30PM

Panorama Room 2

Chair: Clint Miller

Co-Chair: Priya Sumithran

- 3:30 PM **Trishan Gajanand**
The impact of 8 weeks of supervised exercise training on body composition in participants with overweight/obesity and type 2 diabetes: A randomised controlled trial *abs# 120*
- 3:45 PM **Claudia Harper**
I've done it once, I can do it again: a qualitative investigation into maintaining weight after fast weight loss - The TEMPO Diet Trial *abs# 121*
- 4:00 PM **Clint T Miller**
Physical Function Outcomes in Women with Severe Obesity Undergoing Energy Restriction and Exercise Training *abs# 122*
- 4:15 PM **Prashant Regmi**
Time restricted feeding improves glucose intolerance in men at risk of type 2 diabetes *abs# 123*
- 4:30 PM **Melyssa Roy**
High intensity interval training: An effective real-world exercise alternative for adults with obesity? *abs# 124*
- 4:45 PM **Senthil Thillainadesan**
Multidisciplinary VLED Intervention in patients with type 2 diabetes and morbid obesity results in significant metabolic benefits, irrespective of sleep apnoea status *abs# 125*
- 5:00 PM **Daniel van den Hoek**
Changes to psychosocial health for women with obesity during energy restriction with and without exercise. *abs# 126*
- 5:15 PM **Jenna Taylor**
The effect of a cardiac rehabilitation exercise program on energy intake *abs# 127*

Concurrent #15 ANZOS Basic Science - Novel pathways influencing metabolism and obesity

3:30PM - 5:30PM

Panorama Room 3

Chair: Beverly Muhlhauser

Co-Chair: Hui Li

- 3:30 PM **Stacey N Keenan**
Lipid droplet protein, perilipin-5, regulates hepatic lipid metabolism and glucose tolerance *abs# 128*
- 3:45 PM **Frances Lee**
Energy intake and body weight gain increases in young female rats exposed to 10% liquid sucrose and additional cafeteria diet. *abs# 129*
- 4:00 PM **Bo Liu**
Intermittent fasting reduces adiposity, adipose tissue inflammation and fibrosis in lean and diet-induced obese mice *abs# 130*
- 4:15 PM **Mojgan Nazari**
Dietary iron chelation prevents obesity in mice *abs# 131*
- 4:30 PM **Alex Reichenbach**
The Yo-Yo effect: The fat you want to lose is the fat your body wants to keep. *abs# 132*
- 4:45 PM **Rebecca J O'Rielly**
Restricted feeding restores circadian rhythmicity of hepatic metabolic markers and reduces weight gain in high fat diet-induced obese mice. *abs# 133*



- 5:00 PM **Rachel Clarke**
Cortical inputs to the lateral hypothalamus influence body weight and food choice *abs# 134*
- 5:15 PM **Pawanrat Tangseefa**
Metabolic and reproductive abnormalities in mice with impaired skeletal-mTORC1 function mirror a dietary restriction phenotype *abs# 135*

OSSANZ AGM

5:15PM - 6:15PM Room E1

ANZOS AGM

5:30PM - 6:00PM Panorama Room 1

Conference Dinner

7:00PM - 11:00PM Halls MN

Friday 6th October 2017

Registration

7:15AM - 3:30PM Ground Floor East Building Atrium

Breakfast Session - Remember These 5 Things

7:15AM - 8:15AM Panorama Room 1

Speaker:

- Kelvin Higa "5 laws of surgery"

This breakfast session is sponsored by



Keynote #4

8:15AM - 9:15AM Hall D

Chair: Caroline Miller

- 8:15 AM **Fabio Gomes**
Knowledge, Policy and Action: obesity prevention progress in the Americas *abs# 136*



Concurrent #16 OSSANZ Integrated Health - When would you delay or deny bariatric surgery?

9:15AM - 11:15AM

Hall D

Chair: David Schroeder
Co-Chair: Sally Johnston

- 9:15 AM **Lilian Kow**
Surgical perspective *abs# 137*
- 9:30 AM **Tri Tuyen Cao**
Medical Perspective *abs# 138*
- 9:45 AM **Leah Brennan**
Psychological perspective *abs# 139*
- 10:00 AM **Nazy Zarshenas**
Dietitians Perspective *abs# 140*
- 10:15 AM **Narelle Story**
Nursing perspective *abs# 141*
- 10:30 AM *Q&A discussion*

Concurrent #17 OSSANZ Surgical - Technical gold

9:15AM - 11:15AM

Room E1

Chair: Samuel Baker
Co-Chair: Vahid Reza Adib

- 9:15 AM **Kelvin Higa**
Roux Y gastric bypass - gold standard *abs# 145*
- 9:30 AM **Michael France**
How to make a gold standard sleeve? *abs# 142*
- 9:45 AM **Nicholas Williams**
How to fashion a single loop gastric bypass (fools gold) *abs# 143*
- 10:00 AM **Adrian Sartoretto**
ESG - new gold *abs# 144*
- 10:15 AM **Panel Discussion 1: Which gold standard operation for a revision?**
- 10:45 AM **Panel Discussion 2: What would you do next?**

Facilitator: George Hopkins

Panel Members:

- Michael France
- Nick Williams
- Adrian Sartoretto
- Jeff Hamdorf
- Kelvin Higa
- David Martin

Concurrent #18 ANZOS Public Health

9:15AM - 11:15AM

Panorama Room 1

Chair: Simone Pettigrew
Co-Chair: Kerry Ettridge



- 9:15 AM **Rachael W Taylor**
Is quantity or quality of sleep more important for BMI? Longitudinal analyses using actigraphy *abs# 146*
- 9:30 AM **Evan Atlantis**
SSRI antidepressant use potentiates weight gain in the context of unhealthy lifestyles: Results from a four-year Australian follow-up study *abs# 147*
- 10:00 AM **Verity J Cleland**
The 'legacy effect' of parental influences on childhood health behaviours: a mixed methods study exploring predictors of divergent BMI trajectories from childhood into mid-adulthood *abs# 148*
- 10:15 AM **Alison Hayes**
Obesity prevention in Australia: where to from here? Insights from epidemiological modelling *abs# 149*
- 10:30 AM **Ye He**
Association of childhood obesity with female infertility in adulthood: A 25-year follow up *abs# 150*
- 10:45 AM **Linda C Tapsell**
Individualised dietary advice achieves better early weight loss targets compared to general dietary advice: results from the Healthtrack study *abs# 151*
- 11:00 AM **Ruby Brooks**
Obesity in Australia: a birth cohort analysis *abs# 152*
- 11:15 AM **Alison McAleese**
Social marketing campaigns – what's the point? A case study *abs# 153*

Concurrent #19 ANZOS Clinical: Severe obesity, surgery and health

9:15AM - 11:40 AM

Panorama Room 2

Chair: Amanda Cox

Co-Chair: Georgia Rigas

- 9:15 AM **Ramy H Bishay**
The Overlooked: Obesity is often undiagnosed in hospitalised patients and is associated with significantly greater health costs and comorbidities *abs# 154*
- 9:30 AM **John B Dixon**
A prospective multi-center study of health outcomes and the device explant rate after 5 years of treatment with laparoscopic adjustable gastric banding: The Helping Evaluate Reduction in Obesity (HERO) study. *abs# 155*
- 9:45 AM **Jessica McMaster**
Metabolic improvements following treatment with a duodenal-jejunal bypass sleeve in patients with obesity and type 2 diabetes *abs# 156*
- 10:00 AM **Georgia Rigas**
Liraglutide use in patients who have regained weight after bariatric surgery: The first Australian experience *abs# 157*
- 10:15 AM **Christopher WX Seow**
Association between severity and onset of childhood obesity with parental obesity, gestational diabetes and birthweight *abs# 158*
- 10:30 AM **Michelle Tan**
Does attendance at follow-up post bariatric surgery affect outcomes? *abs# 159*
- 11:00 AM **Luciana Torquati**
Fibre intake is independently associated with increased circulating interleukin-22 in individuals with metabolic syndrome *abs# 160*
- 11:15 AM **Sulak Anandabaskaran**
Predictors of non-completion of an intensive lifestyle and medical service for severe obesity in a public hospital setting *abs# 161*
- 11:30 AM **Carel Le Roux**
3-year efficacy and safety for liraglutide 3.0 mg in adults with obesity/overweight, prediabetes and



baseline BMI <35 vs ≥35 kg/m² in the SCALE Obesity and Prediabetes, double-blind, placebo-controlled trial *abs# 162*

Concurrent #20 ANZOS Basic Science - Novel Pathways influencing metabolism and obesity II

9:15AM - 11:15AM

Panorama Room 3

Chair: Damien Keating

Co-Chair: Nigel Turner

- 9:15 AM **Nikhil Bhandarkar**
Attenuation of metabolic syndrome by *5-O-caffeoyl-quinic acid* in diet-induced obese rats *abs# 163*
- 9:30 AM **Saba Farnaghi**
Can IL-22 therapy make fatty liver, skinny again? *abs# 164*
- 9:45 AM **Sharon R Ladyman**
Long-term metabolic consequences of parity in the mouse *abs# 165*
- 10:00 AM **Rebecca Loh**
Development and characterisation of a human primary brown adipose tissue cell line. *abs# 166*
- 10:15 AM **Mojgan Nazari**
Hypoxia-inducible factor (HIF) regulatory function in diet-induced obesity and β-cell function *abs# 167*
- 10:30 AM **Sasha Rawlinson**
AMPK in ghrelin receptor-expressing ventromedial hypothalamic neurons controls body weight gain. *abs# 168*
- 10:45 AM **Alex Reichenbach**
Metabolic processing of energy status is required for physiological AgRP function. *abs# 169*
- 11:00 AM **Emily W Sun**
The Melanocortin-4 Receptor regulates the secretion of PYY and GLP-1 from human gut epithelia *abs# 170*

Morning Tea

11:15AM – 11:40AM

Foyer E & E2/E3

Keynote #5

11:40AM - 12:40PM

Hall D

Chair: Lilian Kow

- 11:40 AM **Kelvin Higa**
Shifting goal posts in bariatric surgery *abs# 171*

Lunch

12:40PM - 1:30PM

Foyer E & E2/E3



Poster Session 3

12:40PM - 1:30PM

Foyer E & E2/E3

Concurrent #21 OSSANZ Integrated Health/Surgical - Difficulties, Dilemmas and Diabolical Discussions

1:30PM - 3:30PM

Hall D

Chair: Jacob Chisholm

Co-Chair: Tony Brancatisano

1:30 PM Panel 1: Pregnancy

Obstetrician: Cecilia O'Brien

Psychologist: Kylie Murphy

Dietitian: Rachel Moore

Nurse: Kate Berridge

2:10 PM Panel 2: Poor outcome

Surgeon: Justin Bessell

Physician: John Dixon

Psychologist: Kylie Murphy

Dietician: Nick Wray

Nurse: Andrea Schroeder

2:50 PM Panel 3: Diabolical

Surgeon: Patrick Moore & Harry Frydenberg

Care Coordinator: Shelly Lisle

Psychologist: Cal Paterson

Dietician: Caitlyn Green

Nurse: Andrea Schroeder

Concurrent #22 ANZOS Public Health - Advocacy: Nexus between obesity and other campaigns

1:30PM - 3:30PM

Room E1

Chair: Jane Martin

Co-Chair: Emma Gearon

1:30 PM Alexandra Iljadica

Death of the dinner table: what (some) young people are doing about it *abs# 172*

2:00 PM Fiona Armstrong

Collaborating for change: Getting climate on the health policy agenda *abs# 173*

2:30 PM Alexandra Jones

Disrupting academia: using science for social change in the era of fake news *abs# 174*

3:00 PM Caroline Miller

Receptivity of the Australian community to sugary drink policy interventions: Results from a national survey *abs# 175*

3:15 PM Simone Pettigrew

Consumer responses to Australian nutrition labels on healthy and unhealthy foods *abs# 176*

Concurrent #23 ANZOS Clinical - Obesity treatment through the life-course

1:30PM - 3:30PM

Panorama Room 1



Chair: Shirley Alexander

Co-Chair: Lisa Moran

- 1:30 PM **Alexia Peña**
Challenges of weight management during childhood and adolescence *abs# 177*
- 2:00 PM **Lisa Moran**
Weight management in women of reproductive age *abs# 178*
- 2:30 PM **Gary Wittert**
Reproductive complications of obesity in men *abs# 179*
- 3:00 PM **Yvonne C Anderson**
A novel home-based intervention for child and adolescent obesity: the 12 month outcomes of Whānau Pakari randomised controlled trial. *abs# 180*
- 3:15 PM **Sophia Berkemeier**
Prevalence and predictors of early gestational weight gain associated with obesity risk in a diverse antenatal population *abs# 181*

Concurrent #24 ANZOS Basic Science - Obesity affects rewards and behaviour

1:30PM - 3:30PM

Panorama Room 2

Chair: Zane Andrews

Co-Chair: Michael Kendig

- 1:30 PM **Robyn Brown**
High-fat high-sugar 'junk' food causes 'addiction-like' glutamatergic dysfunction *abs# 182*
- 2:00 PM **Antonio Verdejo-Garcia**
Neural substrates of unhealthy food choice in obesity *abs# 183*
- 2:30 PM **Amy Reichelt**
Impact of obesogenic diets on social memory and behaviour, reward neurotransmission and gut microbiota in adolescent rats *abs# 184*
- 3:00 PM **Rose Crossin**
Characterising the metabolic phenotype in adolescent inhalant abuse: long-term changes to energy balance independent of food intake *abs# 185*
- 3:15 PM **Laura K Milton**
Reward circuit activation prevents and rescues activity-based anorexia (ABA) in the rat *abs# 186*

Concurrent #25 AOCO Abstracts

1:30PM - 3:30PM

Panorama Room 3

Chair: Kwang Wei Tham

Co-Chair: Banshi Saboo

- 1:30 PM **Annabel J Mata**
Prevalence of Metabolic Syndrome and Its Individual Features Across Different (Normal, Overweight, Pre Obese and Obese) Body Mass Index (BMI) Categories in A Tertiary Hospital: A Cross Sectional Study *abs# 187*
- 1:50 PM **Alice P.S. Kong**
Secular trend and longitudinal associations between obesity and sleep habits in Hong Kong Chinese school children - a prospective follow-up *abs# 188*



- 2:10 PM **Anna Fogel**
Oral processing behaviours are stable over time and predict prospective increases in children's adiposity: Results from the GUSTO Cohort. *abs# 189*
- 2:30 PM **Bee Suan Wee**
Assessing body fat among Malaysian children: skinfold prediction equations versus deuterium dilution technique *abs# 190*
- 2:50 PM **Gaga Nugraha**
Birth weight and early growth (0-2 years) and the relationship to body composition and metabolic markers in young adults: Tanjungsari Cohort Study, Indonesia *abs# 191*
- 3:10 PM **Yang-Hyun Kim**
Weight and body mass change in relation to all-cause mortality in Korean: A nationwide population-based study *abs# 192*

What a way to end the conference – it's "made to measure"!!

3:30PM - 4:45PM

Hall D

What if theatre could be used to honestly, even radically, tackle the problems of obesity from the public stage? Could scientists and creative artists work together to provoke and entertain people out of this health crisis?

In this session, Alana Valentine a Writer-In-Residence supported by the Charles Perkins Centre (Sydney) will give a sneak preview of her CPC - commissioned stage play *Made To Measure* based on interviews with scientists and wedding dress couturiers. She will tackle how the paradox of human nature factors into the complex puzzle of obesity.

This should be a feature of the meeting and SHOULD NOT BE MISSED!!

AND, there will be audience participation for the budding thespians in our midst!

Alana Valentine is a multi-award winning playwright. Her play *Head Full of Love* about kidney disease toured extensively around Australia. Her play *Ear to the Edge of Time* won the prestigious STAGE International award in 2012 for the best play about science and/or technology. She is currently the Writer-in-Residence at the CPC in Sydney working on *Dr Cassandra* about the public treatment of obesity scientists in Australia. www.alanavalentine.com