

## PROGRAM: SUNDAY 28 JULY

All plenary sessions to be held in Ballroom 1 and all practical stream sessions will be held in Ballroom 2.

1000 APEG Council Meeting Boardroom 1

### 1330 PRACTICAL STREAM: NEW DEVELOPMENTS

**Chair:** Paul Hofman, University Of Auckland, New Zealand

- 1330 How can the environment explain the rising incidence of type 1 diabetes  
*Mikael Knip, University of Helsinki, Finland*
- 1410 Prevention and treatment of type 1 diabetes – Cord blood and beyond  
*Michael Haller, University of Florida, USA*
- 1450 Current status of islet transplantation in Australia  
*Phil O'Connell, Westmead Hospital, NSW, Australia*

### 1530 AFTERNOON TEA

### 1600 PRACTICAL STREAM: TECHNOLOGY UPDATE

**Chair:** Tim Jones, Princess Margaret Hospital, WA, Australia

- 1600 PUMP & CGMS  
*Bill Tamborlane, Yale Center for Clinical Investigation, USA*
- 1645 Emerging technologies for type I diabetes management  
*Geoff Ambler, The Children's Hospital at Westmead, NSW, Australia*
- 1730 Finish

1800 Bone and Mineral Interest Group Ballroom 2

### FREE EVENING



# PROGRAM: MONDAY 29 JULY

All plenary sessions to be held in Ballroom 1 and all practical stream sessions will be held in Ballroom 2.

0730	Arrival tea & coffee	Hyde Park Room
0800	<b>NSW PDM BUSINESS MEETING</b>	Ballroom 1
	<b>DIETITIANS MEETING</b>	Ballroom 2
	<b>SOCIAL WORKERS MEETING</b>	Boardroom 1

0900 **WELCOME & OPENING**  
Paul Hofman, APEG President  
Maria Craig, Local Organiser

0915 **ROBERT VINES LECTURE**  
*Chair: Paul Hofman, University Of Auckland, New Zealand*  
  
The impact of genetics vs environment on risk of type 1 diabetes  
*Mikael Knip, University of Helsinki, Finland*

## 1015 MORNING TEA & POSTER VIEWING

### 1100 CONCURRENT SESSIONS

#### YOUNG INVESTIGATOR

*Chair: Jenny Batch, Royal Children's Hospital, QLD, Australia*

- 1100 Can new generation insulin pumps prevent exercise induced hypoglycaemia using the predictive low glucose management system?  
*Mary Abraham, Princess Margaret Hospital, WA, Australia*
- 1115 To pump or not to pump: a novel tool to successfully predict youth who will demonstrate appropriate usage of diabetes technologies  
*Orla Neylon, The Royal Children's Hospital, VIC, Australia*
- 1130 The increasing incidence of type 1 diabetes in children is not associated with increased enterovirus detection  
*Myra Poon, The Children's Hospital at Westmead, NSW, Australia*
- 1145 Glucose requirement to prevent hypoglycaemia during exercise in individuals with type 1 diabetes mellitus  
*Vinutha Shetty, Princess Margaret Hospital, WA, Australia*
- 1200 Plateau of adiposity in Australian children diagnosed with type 1 diabetes – a 20 year study  
*Sadia Islam, University of NSW, NSW, Australia*
- 1215 Pancreatic enzyme supplementation slows gastric emptying and improves post prandial glycaemia in adolescents with cystic fibrosis  
*Shiree Perano, Women and Children's Hospital, SA, Australia*
- 1230 A clinical diagnosis of classical congenital adrenal hyperplasia is frequently missed without new-born screening – the New Zealand experience 1994-2012  
*Sumudu Seneviratne, Liggins Institute, University of Auckland, New Zealand*
- 1245 Both dietary protein and fat increase postprandial glucose excursions in children with type 1 diabetes and the effect is additive  
*Carmel Smart, John Hunter Children's Hospital, NSW, Australia*



1100

## CONCURRENT SESSIONS

### PRACTICAL STREAM: FOOD AND EXERCISE

**Chair:** Bin Moore, *The Children's Hospital at Westmead, NSW, Australia*

- 1100 Lipid Disorders  
*David Sullivan, Royal Prince Alfred Hospital, NSW, Australia*
- 1130 Protein Fats & Carbs, How to balance your diet  
*Sarah Garnett, The Children's Hospital at Westmead, NSW, Australia*
- 1200 Practical approach to exercise  
*Paul Hofman, University Of Auckland, New Zealand*
- 1230 Young, Wild and Free: Exercise and Food  
*Dean Paningbatan, Westmead Hospital, NSW, Australia*
- 1230 NDSS – National Development Program – *Diabetes in Pregnancy Program*  
*Melinda Morisson, National program leader, Australian Diabetes Council*

1300

## LUNCH

1400

## CONCURRENT SESSIONS

### ENDOCRINE SYMPOSIUM

**Chair:** Louise Conwell, *Royal Children's Hospital, QLD, Australia*

- 1400 Genetics of Hypopituitarism  
*Patricia Crock, John Hunter Children's Hospital, NSW, Australia*
- 1430 Hypophosphataemic rickets  
*Peter Simm, Royal Children's Hospital & Monash Children's Hospital, VIC, Australia*
- 1500 Noonan Syndrome and the other RASopathies  
*Anne Turner, Sydney Children's Hospital, NSW, Australia*

### PRACTICAL STREAM: DIABETES COMPLICATIONS

**Chair:** Kristine Heels, *The Children's Hospital at Westmead, NSW, Australia*

- 1400 Update on Diabetic Subclinical Neuropathy and its significance  
*Kim Donaghue, The Children's Hospital at Westmead, NSW, Australia*
- 1430 Screening for complications in children with Type 2 diabetes  
*Mark Shah, Princess Margaret Hospital, WA, Australia*
- 1500 Foot care in children with diabetes – the need to screen and educate early  
*Katrina Reynolds, CQUniversity*

1530

## AFTERNOON TEA



1600

## CONCURRENT SESSIONS

### CLINICAL CONUNDRUMS

**Chair:** Maria Craig, The Children's Hospital at Westmead, NSW, Australia

1600 Ben Albert, The Liggins Institute, New Zealand

1645 Ben Wheeler, The Children's Hospital at Westmead, NSW, Australia

1730 Finish

1600

## CONCURRENT SESSIONS

### PRACTICAL STREAM: PSYCHOSOCIAL

**Chair:** Rosalie Hornung, Starship Diabetes Service, New Zealand

1600 Pitfalls of generic psychosocial interventions- is it time to revisit "pharmacopsychomics"  
Fergus Cameron, Royal Children's Hospital VIC, Australia

1630 "Tell me your story" – a practical approach to engaging young people at diagnosis  
Annie Franklin, Royal Children's Hospital, QLD, Australia

1700 Many hands make light work: Taking a multidisciplinary approach to high-risk diabetes  
Jo McClintock, Waikato Hospital, New Zealand

1730 21st Century Challenges and Opportunities in the Management of Pediatric Type 1 Diabetes  
Lori Laffel, Harvard Medical School, Boston, USA

1800 Finish

1730 – 1830 AIHW Diabetes Register

Ballroom 1

## FREE EVENING



# PROGRAM: TUESDAY 30 JULY

*All plenary sessions to be held in Ballroom 1.*

0730	Arrival tea & coffee	Hyde Park Room
0800	APEG AGM	Ballroom 1
<b>0930</b>	<b>MORNING TEA &amp; POSTER VIEWING</b>	
1030	<b>NORMAN WETTENHALL SYMPOSIUM</b> <i>Chair: Michelle Jack, Royal North Shore Hospital, NSW, Australia</i>	
1030	Molecular pathogenesis of thyroid development and function pediatric thyroid disorders <i>Annette Grüters-Kieslich, Charité University Medicine, Berlin</i>	
1130	Thyroid Cancer in Childhood and Adolescence <i>Leigh Delbridge, The University of Sydney, NSW, Australia</i>	
1200	Update on hereditary endocrine tumour syndromes <i>Bruce Robinson, The University of Sydney, NSW, Australia</i>	
<b>1230</b>	<b>LUNCH</b>	
1330 - 1630	<b>DSD SYMPOSIUM</b>	Ballroom 1
1130	<b>APEG SUBCOMMITTEE MEETINGS</b>	Ballroom 2
1330	ADDN Meeting	
1430	OZGROW	
1530	Diabetes Subcommittee	
1630	Bone and Mineral Working Group	
1730	Finish	
<b>1830</b>	<b>DINNER – DOLTONE HOUSE, DARLING ISLAND WHARF, PYRMONT</b>	





# PROGRAM: WEDNESDAY 31 JULY

All plenary sessions to be held in Ballroom 1.

0730 Arrival tea & coffee Hyde Park Room

## 0800 FREE PAPERS

**Chair:** Jan Fairchild, Women's and Children's Hospital, WA, Australia

0800 Novel daytime treat to range closed loop insulin pump therapy in combination with fully closed loop overnight pump therapy in patients with type 1 diabetes  
*Martin de Bock, Princess Margaret Hospital, WA, Australia*

0810 Earlier menarche is associated with reduced insulin sensitivity and increased adiposity in young adult women  
*José Derraik, Liggins Institute, University of Auckland, New Zealand*

0820 Can integrated technology improve self-care behaviour in youth with type 1 diabetes?: a randomised crossover trial of automated pump function  
*Orla Neylon, The Royal Children's Hospital, VIC, Australia*

0830 Effects of a structured resistance training program on peripheral bone mineral density and muscle strength in adolescents with motor difficulties  
*Aris Siafarikas, Princess Margaret Hospital, WA, Australia*

0840 Altered cardiac structure, diastolic function and markers of cardiovascular risk (inflammation, oxidative stress and endothelial dysfunction) in adolescents with type 1 diabetes  
*Louise Conwell, Royal Children's Hospital, QLD, Australia*

0850 Neurocognitive Outcomes of Children with Type 1 Diabetes Mellitus  
*Kaitrin McNamara, Telethon Institute for Child Health Research, WA, Australia*

0900 Causative fgfr2 mutation in 46,XY gonadal dysgenesis  
*Makoto Ono, Prince Henry's Institute of Medical Research, VIC, Australia*

0910 Long-term effects of bisphosphonate therapy in children with osteogenesis imperfecta  
*Linda Zheng, Concord Hospital, NSW, Australia*

0920 Early diabetic renal dysfunction is associated with cardiac autonomic dysfunction in adolescents with type 1 diabetes  
*Yoon Hi Cho, The Children's Hospital at Westmead, NSW, Australia*

## 0930 MORNING TEA

## 1030 DIABETES SYMPOSIUM

**Chair:** Elizabeth Davis, Princess Margaret Hospital, WA, Australia

1030 Cystic Fibrosis and Diabetes  
*Charles Verge, Sydney Children's Hospital, NSW, Australia*

1110 Neonatal Diabetes  
*Craig Jefferies, University of Auckland, New Zealand*

1150 Lessons from the diabetes clinic  
*Mark Harris, Mater Children's Hospital, QLD, Australia*

## 1230 LUNCH



1330

**HOT TOPICS – CONTROVERSIES AROUND ANTENATAL CAH TREATMENT***Chair: Shubha Srinivasan, Sydney Children's Hospital Network, NSW, Australia*1330 *Ann Maguire, The Children's Hospital at Westmead, NSW, Australia*1400 *Jacky Hewitt, Royal Children's Hospital, VIC, Australia*

1430 Discussion

1500

**CONFERENCE CLOSE****POSTERS**

Below is an outline of the posters being displayed at the conference and the name of the presenting author. For the full abstract including all affiliations and co-authors please refer to the abstracts starting on page 53. Poster viewing for even number posters will be Monday 29 July during morning tea. Poster viewing for odd number posters will be Tuesday 30 July during morning tea.

NAME	POSTER TITLE	POSTER NUMBER
Jemma Anderson	Longer sleep duration and time spent lying down relates to better vascular health in children with type 1 diabetes	P1
Ellen Bannink	Growth chart use in Australia and clinical implications	P2
Aoife Carroll	No difference in 25-hydroxyvitamin d levels in Irish children with or without type 1 diabetes mellitus	P3
Yoon Hi Cho	Improvement in predicted height outcomes with the use of aromatase inhibitors in paediatric patients at CHW 2004-2012	P4
Yih Harn Chong	Topical DHT to treat micropenis secondary to PAIS across the pubertal spectrum - A case series	P5
Janine Cusumano	After Transition: Young Adults with Type 1 Diabetes	P6
José Derraik	Ovarian stimulation with FSH does not influence offspring stature in childhood	P7
José Derraik	Severe hyperemesis gravidarum is associated with reduced insulin sensitivity in the offspring in childhood	P8
José Derraik	Increasing paternal age at childbirth is associated with taller stature and less favourable lipid profiles in their children	P9
Ian Hughes	Evidence to suggest body surface area (BSA) based growth hormone dosing is not optimal for height response and should be reviewed	P10
Bin Moore	Final height outcome following Growth Hormone therapy	P11
Kristen Neville	25 hydroxy vitamin d (25OHD), osteocalcin (OC), under-carboxylated osteocalcin (UOC) and n-terminal propeptide of type 1 procollagen (P1NP) in prepubertal and pubertal survivors of childhood cancer compared with healthy controls	P12
Kristen Neville	25hydroxy vitamin d (25OHD) and bone formation markers (BFM) in adult survivors of childhood cancer	P13
Can Ngoc	Transient neonatal diabetes: a report of three cases	P14
Can Ngoc	Neonatal diabetes in Wolcott – Rallison syndrome: a case report	P15
Graham Ogle	International diabetes federation life for a child program	P16
Alexia Pena	Bariatric surgery for adolescents in the south Australian health service	P17
Ann Robinson	Working together – so all children have a chance to walk and run	P18
Amanda Scott	Thiazide Diuretic Treatment of Neonatal Central Diabetes Insipidus	P19



Agustini Utari	Thyroid profile of Indonesian children living in agricultural area	P20
Ben Wheeler	Accuracy of verbal self-reported blood glucose in teenagers with type i diabetes at diabetes ski camp	P21
Ben Wheeler	Family perceptions of insulin pump adverse events in children and adolescents	P22
Mary White	Clinic attendance rates pre and post transition in type 1 diabetes mellitus	P23
Mary Abraham	An association of Mayer-Rokitansky-kuster-hauser syndrome and Silver-Russell syndrome with normal methylation studies	P24
Benjamin Albert	Thyroid Storm: Stretching the QT	P25
Lisa Amato	Zoladex protocol for pubertal suppression: effectiveness in the first 2 years of treatment	P26
Lisa Amato	Cataracts at first presentation of type 1 diabetes mellitus: improvement with intensive insulin therapy	P27
Andrew Biggin	Reduction in bisphosphonate side effect profile using short term steroid cover	P28
Helen Clapin	Australasian diabetes data network (addn): towards a shared data collection for paediatric diabetes	P29
Bronwen D'Arcy	Dietary intake of Australian children with type 1 diabetes mellitus exceeds recommendations for energy intake, total sugar and saturated fat	P30
Silmara Gusso	Short-term whole body vibration therapy improves bone density and muscle function in adolescents with cerebral palsy.	P31
Mark Harris	Heterozygous Germline Mutations in G Protein Alpha 11 Cause Autosomal-Dominant Hypoparathyroidism	P32
Gilli Lewis	Effective management of hypoglycaemia during a children's diabetes camp	P33
Amanda Scott	Macroprolactinoma in adolescence: a case report	P34
Ben Wheeler	Rapid onset obesity, hypothalamic dysfunction, hypoventilation and autonomic dysfunction (Rohhad) syndrome – a case report	P35
Mary White	Benefit of testosterone in pediatric genital trauma	P36
Sze Choong Wong	Long term health outcomes of adults with McCune Albright Syndrome	P37
Jason Yates	Hyperosmolar Hyperglycaemic Syndrome in Paediatrics: The Need For Evidence Based Guidelines	P38
Margaret Zacharin	Long term outcomes of Pediatric Graves' disease	P39

