### SUNDAY 28TH JULY

#### 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**  Islet transplantation  
  *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**  Other new technologies in Type I diabetes management  
  *Geoff Ambler, The Children’s Hospital at Westmead, NSW, Australia*

#### 1730  SESSIONS FINISH – FREE EVENING

- **1800**  Bone and Mineral Interest Group
# APEG 2013 ANNUAL SCIENTIFIC MEETING

Program as at 5 July 2013

## MONDAY 29TH JULY

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<th>Time</th>
<th>Activity</th>
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<tr>
<td>0800</td>
<td>NSW PDM BUSINESS MEETING/DIETITIANS MEETING/SOCIAL WORKERS MEETING</td>
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| 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                                                      |                                                                                                                                       |
| 1100  | 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 newborn 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                                                                                   |
## CONCURRENT SESSIONS

### PRACTICAL STREAM: FOOD AND EXERCISE

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

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<tr>
<td>1100</td>
<td>Lipids</td>
<td>David Sullivan, Royal Prince Alfred Hospital, NSW, Australia</td>
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<tr>
<td>1130</td>
<td>Protein Fats &amp; Carbs, How to balance your diet</td>
<td>Sarah Garnett, The Children’s Hospital at Westmead, NSW, Australia</td>
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<td>1200</td>
<td>Practical approach to exercise</td>
<td>Paul Hofman, University Of Auckland, New Zealand</td>
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<td>1230</td>
<td>Young, Wild and Free: Exercise and Food</td>
<td>Dean Paningbatan, Westmead Hospital, NSW, Australia</td>
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### LUNCH

1300

### CONCURRENT SESSIONS

### ENDOCRINE SYMPOSIUM

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

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<tr>
<td>1400</td>
<td>Genetics of Hypopituitarism</td>
<td>Patricia Crock, John Hunter Children’s Hospital, NSW, Australia</td>
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<td>1430</td>
<td>Hypophosphataemic rickets</td>
<td>Peter Simm, Royal Children’s Hospital &amp; Monash Children’s Hospital, VIC, Australia</td>
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<td>1500</td>
<td>Noonan Syndrome and related disorders 'RASopathies'</td>
<td>Anne Turner, Sydney Children’s Hospital, NSW, Australia</td>
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### PRACTICAL STREAM: DIABETES COMPLICATIONS

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

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<td>Update on Diabetic Subclinical Neuropathy and its significance</td>
<td>Kim Donaghue, The Children’s Hospital at Westmead, NSW, Australia</td>
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<td>1430</td>
<td>Screening for complications in children with Type 2 diabetes</td>
<td>Mark Shah, Princess Margaret Hospital, WA, Australia</td>
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<td>1500</td>
<td>Foot care in children with diabetes – the need to screen and educate early</td>
<td>Katrina Reynolds, University of Rockhampton, QLD, Australia</td>
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### AFTERNOON TEA

1530

### CONCURRENT SESSIONS

### CLINICAL CONUNDRUMS

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

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<tr>
<td>1600</td>
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<td>Ben Albert, The Liggins Institute, New Zealand</td>
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<td>1645</td>
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<td>Ben Wheeler, The Children’s Hospital at Westmead, NSW, Australia</td>
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<td>1730</td>
<td>Finish</td>
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CONCURRENT SESSIONS

PRACTICAL STREAM: PSYCHOSOCIAL
Chair: Rosalie Hornung, Starship Diabetes Service, New Zealand

1600  Pitfalls of generic psychosocial interventions- is it time to revisit “pharmaocopsychomics”
      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

FREE EVENING

TUESDAY 30TH JULY

0800   APEG AGM

0930   MORNING TEA & POSTER VIEWING

1030   NORMAN WETTENHALL SYMPOSIUM
Chair: Michelle Jack, Royal North Shore Hospital, NSW, Australia

      1030  Title TBC
            Annette Grüters-Kieslich, Charité University Medicine, Berlin

      1130  Thyroid Cancer in Childhood and Adolescence
            Leigh Delbridge, The University of Sydney, NSW, Australia

      1200  Update on hereditary endocrine tumour syndromes
            Bruce Robinson, The University of Sydney, NSW, Australia

1230   LUNCH

1330 - 1630  DSD Symposium
              Collaboration/Subcommittee Meetings

1900   DINNER – DOLTONE HOUSE, DARLING ISLAND WHARF, PYRMONT
WEDNESDAY 31ST JULY

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
Mako To 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 AND POSTER VIEWING

1030 DIABETES SYMPOSIUM
Chair: Elizabeth Davis, Princess Margaret Hospital, WA, Australia

1030 CF-IDEA (Cystic Fibrosis – Insulin Deficiency, Early Action)
Charles Verge, Sydney Children’s Hospital, NSW, Australia

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

1150 Type 2 Diabetes Mellitus
Speaker TBC

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