8th Australian Disorders of Sex Development Symposium

**Implementing Genomics into Healthcare: Melbourne and Australian Genomics Health Alliances**
Speaker: Andrew Sinclair (Australia)

15:00 - 15:30

**Gene Discovery and Diagnosis: Where are we up to?**
Speaker: Vincent Harley (Australia)
Speaker: Andrew Sinclair (Australia)

15:30 - 16:00

**DSD Registry**
Speaker: Andrew Sinclair (Australia)

16:00 - 16:20

**Tea break**

16:20 - 16:35

**Using CRISPR genome engineering technology to generate new mouse models of DSD mutations**
Speaker: Peter Koopman (Australia)

16:35 - 17:00

**Clinical Case Studies**
Speaker: Shubha Srinivasan (Australia)

17:00 - 18:00
Wednesday, 07 October 2015

Opening & Closing Sessions
08:45 - 09:00

Presidents Welcome
Welcome
08:45 - 08:55

Plenary Session
09:00 - 10:00

Plenary Session I, Robert Vines Lecture: Can We Put The Brakes On The Drivers Of Diabetes?

Chairs:
Chair: Cameron Fergus (Australia)
Chair: Ragnar Hanas (Sweden)

Burden, presentation and course of pediatric diabetes - lessons from SEARCH
Speaker: Dana Dabelea (United States)
09:00 - 09:30

Early tight control: Is it necessary and how can it be achieved?
Speaker: Eva Örtqvist (Sweden)
09:30 - 10:00

Industry Exhibition
09:30 - 18:45

Exhibition

Symposium - Diabetes Session
10:30 - 12:00

Symposium - Diabetes Session I, Macrovascular Disease in Diabetes in the Young

Chairs:
Chair: Esko Wiltshire (New Zealand)

Can we intervene earlier?
Speaker: Jenny Couper (Australia)
10:30 - 11:00

Strategies to address the challenges of youth-onset type 2 diabetes among Aboriginal and Torres Strait Islander communities
Speaker: Louise Maple-Brown (Australia)
11:00 - 11:30

Statins for all diabetic patients: the lower and the earlier the better?
Speaker: Gerald Watts (Australia)
11:30 - 12:00
ISPAD + APEG 2015,
Joint Annual Conference of the International Society for Pediatric and Adolescent Diabetes and Australasian Paediatric Endocrine Group,
October 7 - 10, 2015,
Brisbane, Australia

Scientific Program

Symposium - Diabetes Session
10:30 - 12:00
Session Room 2 - Q1

Symposium - Diabetes Session II, "Mythbusters" in Diabetes

Chairs:
Chair: Kim Donaghue (Australia)
Chair: Stephen Greene (United Kingdom)

10:30 - 11:00
It is Easy to Lose Weight...
Speaker: Joe Proietto (Australia)

Residual islet function in type 1 diabetes - worth saving?
Speaker: Mario Ehlers

11:00 - 11:30
Myths and Perceived Barriers to Exercise in Type 1 Diabetes
Speaker: Peter Adolfsson (Sweden)

Symposium - Endocrine Session
10:30 - 12:00
Session Room 3 - M1 & M2

Symposium - Endocrine Session I, Specialised Endocrinology Aftercare of Childhood Cancer Survivors

Chairs:
Chair: Catherine Choong (Australia)
Chair: Tony Huynh (Australia)

10:30 - 11:00
Long term metabolic sequelae of childhood cancer and its treatment
Speaker: Kristen Neville (Australia)

Skeletal health in survivors of childhood cancer
Speaker: Craig Munns (Australia)

11:00 - 11:30
Fertility and Fertility Preservation
Speaker: Paul Atkinson (Australia)

Satellite Symposium / Workshop
12:15 - 13:15
Session Room 4 - P5

Industry Workshop

Industry Session not included in main CME event

Poster Tour
13:30 - 14:30
Poster Exhibition

Poster Tour
**Scientific Program**

**Poster Tour 1: General endocrine**

**Chairs:**
Chair: Christine Rodda (Australia)

- **Transient pseudohypoaldosteronism: not every salt losing crisis in infants is congenital adrenal hyperplasia**
  Speaker: Mary Abraham (Australia)

- **Adrenal insufficiency in a child following unilateral excision of a dual-hormone secreting phaeochromocytoma**
  Speaker: Paul Hofman (New Zealand)

- **Varied spectrum of DAX1 mutations in three Indian children**
  Speaker: Kriti Joshi (India)

- **Do pancreatic functions predict cardiac and liver iron loading in transfusion-dependent beta thalassemia major adolescents using cardiac and liver T2-star (T2*)magnetic resonance?**
  Speaker: Nancy Elbarbary (Egypt)

- **A case of partial trisomy 3p and multiple pituitary hormone deficiency: previously unreported clinical association**
  Speaker: Komal Vora (Australia)

- **Persistent hyperinsulinemic hypoglycemia of infancy evaluation - is HYNIC TOC an alternative to 18F DOPA?**
  Speaker: Ramanathan Gokul (India)

- **Congenital hyperinsulinism in a newborn with a novel paternally inherited heterozygous mutation (p.E1517G) in the ABCC8 gene**
  Speaker: Nancy Elbarbary (Egypt)

- **Genetic results and outcomes of congenital hyperinsulinism: a case series at Putrajaya Hospital, Malaysia**
  Speaker: Sze Lyn Jeanne Wong (Malaysia)

- **Novel heterozygous changes in Indian patients with gonadal dysgenesis and 46, XY karyotype**
  Speaker: Vasundhera Chauhan (India)

- **Clinical profile of disorders of sexual development (DSD) cases in Surakarta City, Central Java, Indonesia**
  Speaker: Annang Giri Moelyo (Indonesia)

- **Age related reference ranges for the HCG stimulation test in children with suspected disorders of adrogenisation using data mining approach**
  Speaker: Philip Bergman (Australia)

**Poster Tour 4: Diabetes care I**

**Chairs:**
Chair: Peter Adolfsson (Sweden)
Scientific Program

Info-diabetes: an approach of mobile phone massaging to minimize the complexities in diabetic patient care  
Speaker: Neeraj Kumar (India)

The impact of a diabetes management team on the metabolic control and prevalence of complications in paediatric patients with type 1 diabetes mellitus  
Speaker: Zaheera Kajee (South Africa)

Empowering type 1 diabetes mellitus patients and families to learn pattern management strategies to improve their diabetes care and management  
Speaker: Manmohan Kamboj (United States)

Does continuous subcutaneous insulin infusion (CSII) allow sustained improvement in HbA1c?  
Speaker: Shahida Ahmed (United Kingdom)

Reduction of insulin related adverse drug events: a "Zero Hero" journey towards better outcomes in a large pediatric medical center!  
Speaker: David Repaske (United States)

Mismanagement of child with type 1 diabetes in diabetes ketoacidosis in a teaching hospital in Ghana  
Speaker: Emmanuel Ameyaw (Ghana)

Efficacy and safety of once-daily insulin glargine in Chinese T1DM children aged between 6 to 17 years  
Speaker: Min Liu (China)

The analysis of body composition change in pediatric type 1 diabetes mellitus  
Speaker: Yong Hyuk Kim (Korea, Republic of)

Diabetes nurses have an important role in preparing families for pubertal challenge during transition through adolescence in type 1 diabetes  
Speaker: Siv Janne Kummernes (Norway)

Abstract withdrawn by author

Consistent documentation for managing type 1 diabetes at school  
Speaker: Karen Crawford (Australia)

Poster Tour
13:30 - 14:30

Poster Tour 7: Diabetes chronic complication

Chairs:  
Chair: Martin Borkenstein (Austria)

Study the level of some novel urinary biomarkers for predicting nephropathy in type 1 diabetes  
Speaker: Mohamed Hesham El Hefnawy (Egypt)

Abstract withdrawn by author

Oral vitamin C and E do not improve endothelial function in adolescent type 1 diabetes  
Speaker: Robert Hoffman (United States)
Scientific Program

Frequency of microalbuminuria and diabetic nephropathy in children and adolescents - single center experience
Speaker: Tatjana Milenkovic (Serbia)

Corneal confocal microscopy detects corneal nerve fiber loss in type 1 diabetes children without clinical neuropathy
Speaker: Danièle Pacaud (Canada)

Serum levels of bone turnover markers: osteocalcin and CTx in adolescents with type 1 diabetes mellitus
Speaker: Mieczyslaw Szalecki (Poland)

Impact of glycemic variability on complications risk in adolescents with type 1 diabetes
Speaker: Sohaib Virk (Australia)

Is my diabetes really for life?
Speaker: Azriyanti Anuar Zaini (Malaysia)

Can YKL-40 predict microvascular complications in type 1 diabetic children and adolescents?
Speaker: Randa Matter (Egypt)

Neurospecific proteins and brain in patients with diabetes mellitus type 1
Speaker: Mariia Matveeva (Russian Federation)

Effect of glycaemic control on longitudinal growth in childhood onset type 1 diabetes mellitus
Speaker: Catherine Choong (Australia)

Smoking and physical activity during adolescence and in young adults is strongly related to HbA1c level during adolescence and to retinopathy in young adults
Speaker: Karin Åkesson (Sweden)

Poster Tour
13:30 - 14:30

Poster Exhibition

Poster Tour 10: Diabetes education III

Chairs:
Chair: Majedah Abdul-Rasoul (Kuwait)

Medtronic Minimed 640G system; lessons learned during continuous glucose monitoring training
Speaker: Jennifer Nicholas (Australia)

Dive: a serious game for diabetes therapeutic education in children
Speaker: Cecile Godot (France)

Junior KICK-OFF - developing formal structured diabetes education within an informal learning environment for children aged 4-11 years
Speaker: Julie Knowles (United Kingdom)

An audit of the sharp waste disposal by families with type-1 diabetes mellitus attending a multi speciality childhood diabetic clinic of a children’s hospital in a developing country
Speaker: Sherline White (India)
Support group effectiveness and perspective evaluation of children with type 1 diabetes: an observational study  
Speaker: Sujata Jali (India)

Educating the younger child with type 1 diabetes: a review of the literature  
Speaker: Katherine Price (United Kingdom)

Effect of paramedical treatment codified on balance, quality of life and knowledge of teenagers suffering from T1DM persisting imbalance  
Speaker: Amel Zennaki (Algeria)

'I am sick only when I have the flu'. How some people living with diabetes become 'healthy' again?  
Speaker: Jakub Gajewski (Ireland)

'Pump restored my freedom'. Exploring patients' individual perspectives on different types of insulin therapy  
Speaker: Jakub Gajewski (Ireland)

Clinical examination of lipohypertrophy: best practice recommendations  
Speaker: Carole Gelder (United Kingdom)

Poster Tour
13:30 - 14:30  
Poster Exhibition

Poster Tour 13: Diabetes in developing countries I

Chairs:  
Chair: Sunitha Bourgonde (India)

Health literacy of caregivers of children with type 1 diabetes: a pilot study on impact on glycemic control in an Arabic-speaking population  
Speaker: Dalia Al-Abdulrazzaq (Kuwait)

Effects of voice inter-relating process and OM mantra enchanting in adolescents diabetic patients in south Delhi metro population  
Speaker: Vinod Sharma (India)

Abstract withdrawn by author

Association of socioeconomic status with overall glycemic control in type 1 diabetes in developing country India  
Speaker: Prashant Patil (India)

Abstract has been withdrawn

Economic costs for families of children with type 1 diabetes in less-resourced countries  
Speaker: Angela Middlehurst (Australia)

Association between metabolic control and lipid parameters in Indian children with type 1 diabetes  
Speaker: Anuradha Khadilkar (India)

Effect of multi-micronutrient supplementation on total antioxidant status in Indian children and adolescents with type 1 diabetes  
Speaker: Anuradha Khadilkar (India)
Scientific Program

Clinical profile of type 1 diabetes mellitus in children referred to a tertiary care centre
Speaker: Rahul Jahagirdar (India)

Estimate of numbers of children and youth & LT; 26 years of age in lower-income countries who need help to receive standard diabetes care
Speaker: Graham Ogle (Australia)

Poor quality of diabetes care in a university hospital clinic in a developing country years after initiating essential changes to improve care
Speaker: Hanan Aly (Egypt)

Poster Tour

Poster Tour 16: Growth and Puberty

Chairs:
Chair: Martin de Bock (Australia)

Growth hormone therapy in Kuwait: first report on characteristics and response in treated children
Speaker: Dalia Al-Abdulrazzaq (Kuwait)

Primary gonadal insufficiency in male and female childhood cancer survivors in a long term follow up clinic
Speaker: Harriet Gunn (Australia)

Treatment response comparison for children born small or appropriate for gestational age (SGA or AGA) within the Australian indications for growth hormone (GH) therapy: an OZGROW analysis
Speaker: Ian Hughes (Australia)

‘Smelling SOX and sound for sex’: SOX10 Mutations in Kallman syndrome with deafness
Speaker: Uma Visser (Australia)

Growth hormone (GH) provocation testing in the assessment of children with disorders of growth- a 16 year experience from one tertiary centre
Speaker: Vallimayil Velayutham (Australia)

Assessing the endocrine profile in children with cerebral palsy to PREDICT their future health needs
Speaker: Rebecca Pelekanos (Australia)

Growth hormone deficiency is rare in short children with attention-deficit hyperactivity disorder taking psychostimulants - a re-evaluation of GH testing in this diagnostic group
Speaker: Vallimayil Velayutham (Australia)

Does skeletal disproportion in children with idiopathic short stature influence response to Growth Hormone (GH) therapy?
Speaker: Wayne Cutfield (New Zealand)

Influence of pubertal development and body composition on bone mass accrual in apparently healthy school children aged 6-17 years
Speaker: Aashima Dabas (India)
Scientific Program

Changes in stature following treatment for childhood acute lymphoblastic leukaemia
Speaker: Helen Atkinson (Australia)

Dizygotic twins with skeletal dysplasia and resistance to hormones signalling through G protein-coupled receptors and the Gsa/cAMP/PKA pathway - severe craniosynostosis and hypertrophic cardiomyopathy
Speaker: Erin Sharwood (Australia)

Poster Tour 19: Nutrition and Exercise in Diabetes

Dietary intake and glycaemic control of children and adolescents with type 1 diabetes: Kuwait's experience
Speaker: Fatima Ismail (Kuwait)

Introduction of extended boluses for fat and protein using an insulin dose calculator sheet - patient feedback
Speaker: Karen Ross (United Kingdom)

Is carbohydrate counting enough? A comparison of three mealtime insulin dosing algorithms
Speaker: Prudence Lopez (Australia)

One potato two potato: assessing carbohydrate (CHO) counting accuracy in teens with type 1 diabetes (T1DM)
Speaker: Vanita Pais (Canada)

Intuitive eating is associated with glycaemic control in adolescents with type 1 diabetes mellitus
Speaker: Benjamin Wheeler (New Zealand)

Role of oral cholecalciferol as an adjuvant therapy in type 1 diabetes mellitus: a randomized controlled trial
Speaker: Shreya Sharma (India)

Children's activity weekends - can a scientific approach to the adjustment of insulin doses help in maintaining blood glucose levels within target range during and after activity, and overnight
Speaker: Jane Haest (United Kingdom)

Exercise behaviors in youth with type 1 diabetes on insulin pump therapy
Speaker: Alissa Roberts (United States)
Scientific Program

Poster Tour
13:30 - 14:30

Poster Tour 22: Psychosocial Issues in Diabetes II

Chairs:
Chair: Frances Mouat (New Zealand)

“Exploring Kuwaiti adults’ perceptions and experiences towards insulin pump therapy (IPT) and its effect on their quality of life and glycemic control”: a qualitative study
Speaker: Naglaa Mesbah (Kuwait)

The impact of sleep on adherence behaviors in adolescents with type 1 diabetes mellitus
Speaker: Ryan McDonough (United States)

Personality and mental health assessment: a useful pre-transition tool for youth with type 1 diabetes?
Speaker: Mary White (Australia)

Type 1 diabetes and disturbed eating behaviors - comorbidity, prevalence, psychological correlates and metabolic control
Speaker: Line Wisting (Norway)

Including measures of health related quality of life into a national register requires the development of age and gender specific scores - validation of the Danish version of DISABKIDS®
Speaker: Jannet Svensson (Denmark)

Diabetes-management empowerment intervention “youth for adolescents with type 1 diabetes”
Speaker: Anita Spehar Uroic (Croatia)

What is it like to parent a child or adolescent with type 1 diabetes: A qualitative study
Speaker: Roslyn Pay (Australia)

Attention deficit hyperactivity disorder and metabolic control in adolescents with type 1 diabetes
Speaker: Natasa Bratina (Slovenia)

The teenage brain: executive functions and diabetes management
Speaker: Rachel Wasserman (United States)

A service model for the prevention and management of disordered eating and clinical eating disorders in adolescents with type 1 diabetes
Speaker: Helen d’Emden (Australia)

Poster Tour
13:30 - 14:30

Poster Tour 25: Developmental Origins of Disease/Type 2 Diabetes

Chairs:
Chair: Jamie Wood (United States)

Complementary and alternative medicine therapy on diabetes: aberrant angiogenesis and cytokines in diabetic complications
Speaker: Ahmed Alghamdi (Saudi Arabia)
Scientific Program

Audit of type 2 diabetes in youth in Wellington, New Zealand 2001-2013
Speaker: Kirsty Newton (New Zealand)

Hemoglobin A1c measurement for the diagnosis of type 2 diabetes in Korean children
Speaker: Dae-Yeol Lee (Korea, Republic of)

The Metabolic Symphony Program
Speaker: Mark Shah (Australia)

Sex of the fetus affects maternal blood glucose concentrations in late gestation
Speaker: Sumudu Seneviratne (New Zealand)

Nulliparity in overweight/obese women is associated with subtle but adverse metabolic outcomes in the offspring at birth
Speaker: Sumudu Seneviratne (New Zealand)

Early-life risk factors associated with Body Mass Index (BMI) in adulthood: a longitudinal study of the Western Australian pregnancy (Raine) cohort
Speaker: Catherine Choong (Australia)

The validity of 50g-oral glucose challenge tolerance test for gestational diabetes mellitus screening
Speaker: Tatsuya Fukami (Japan)

Aortic intima media thickness and lipid profile in infants of diabetic mothers
Speaker: Mona Elsamahy (Egypt)

Body composition in term breastfed Indian newborns by isotope dilution method
Speaker: Vandana Jain (India)

Symposium - Endocrine Session
14:45 - 16:15
Session Room 1 - Q2

Symposium - Endocrine Session II, APEG Young Investigators Session

Chairs:
Chair: Paul Hofman (New Zealand)
Chair: Michele O’Connell (Australia)

Accumulation of skin advanced glycation end-products is a significant indicator of early retinopathy in adolescents with type 1 diabetes
Speaker: Yoon Hi Cho (Australia)

Prevalence of maturity onset diabetes of the young in a Western Australian paediatric diabetes clinic using targeted massively parallel sequencing
Speaker: Stephanie Johnson (Australia)

Pupillometry changes over time in type 1 diabetes
Speaker: Nalini M Selveindran (Australia)

Antidiuretic hormone as a mediator of the glycaemia-increasing increasing effect of high intensity exercise in individuals with type 1 diabetes
Speaker: Vinutha Shetty (Australia)
Higher dehydroepiandrosterone levels within the normal range relate to better vascular endothelial function in girls with type 1 diabetes  
Speaker: Jemma Anderson (Australia)

Insulin resistance remains a feature of children born preterm  
Speaker: Valentina Chiavaroli (New Zealand)

Prediabetes, short-term therapy with alagberium chloride improves glycaemic control and reduces pancreatic infiltration in experimental type 1 diabetes  
Speaker: Danielle Borg (Australia)

Abstract has been withdrawn

Broad blood transcriptional abnormalities and complexity of pathophysiology in patients with type 1 diabetes  
Speaker: Robert Hoffman (United States)

A high perinatal blood iron level increases the risk of type 1 diabetes  
Speaker: Louise Dalgaard Jacobsen (Denmark)

Islet autoantibody measurements from dried blood spots can be used to screen for type 1 diabetes risk  
Speaker: Kimber Simmons (United States)

High affinity pan-isotype transglutaminase and islet autoantibodies improve early diagnosis of celiac disease and pre-type 1 diabetes  
Speaker: Marian Rewers (United States)

Characterization of rapid progressors to type 1 diabetes among children with HLA-conferred disease susceptibility  
Speaker: Petra Maria Pöllänen (Finland)

Increased C peptide with longer diabetes duration in type 1 diabetes  
Speaker: Yoon Hi Cho (Australia)
### Scientific Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:45 - 14:56</td>
<td>Glycemic variability: a peril of modern insulin therapy among youths with type 1 diabetes?</td>
<td>Mark Clements (United States)</td>
</tr>
<tr>
<td>14:56 - 15:07</td>
<td>MiniMed 640G with SmartGuard: a predictive low glucose management system that prevents hypoglycemia and is acceptable in children</td>
<td>Birthe Olsen (Denmark)</td>
</tr>
<tr>
<td>15:07 - 15:18</td>
<td>Pharmacokinetics (PK) of a new suspension of glibenclamide for use in young patients and infants with neonatal diabetes</td>
<td>Cecile Godot (France)</td>
</tr>
<tr>
<td>15:18 - 15:29</td>
<td>The &quot;Clay Pot Olympics&quot; - testing the efficacy of insulin cooling devices</td>
<td>Graham Ogle (Australia)</td>
</tr>
<tr>
<td>15:29 - 15:40</td>
<td>To study the efficacy of bromocriptine mesylate as an add-on therapy to oral anti-diabetic agents in type 2 diabetes mellitus</td>
<td>Kapil Garg (India)</td>
</tr>
<tr>
<td>15:40 - 15:51</td>
<td>Risk of severe hypoglycemia is associated with treatment regimen not HbA1c in youth with type 1 diabetes - analysis of three contemporary pediatric diabetes registry databases</td>
<td>Aveni Haynes (Australia)</td>
</tr>
<tr>
<td>15:51 - 16:03</td>
<td>Optimal pump settings differ according to age and insulin dose</td>
<td>Jannet Svensson (Denmark)</td>
</tr>
<tr>
<td>16:03 - 16:15</td>
<td>Toddlers and preschool children with type 1 diabetes: a snap shot of CSII settings in a contemporary population based service in Western Australia</td>
<td>Tarini Chetty (Australia)</td>
</tr>
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### Oral Session - Diabetes Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:45 - 16:15</td>
<td>The impact of the quantity of protein in a meal on postprandial blood glucose levels in individuals with type 1 diabetes mellitus using intensive insulin therapy</td>
<td>Megan Paterson (Australia)</td>
</tr>
<tr>
<td>14:56 - 15:07</td>
<td>Evaluation of a social media site to improve diabetes glycaemic control, knowledge and self-efficacy: the ASSIST study</td>
<td>Vincent McDarby (Ireland)</td>
</tr>
<tr>
<td>15:07 - 15:18</td>
<td>Dietary proteins contribute to the insulin dose required to maintain post-prandial euglycaemia in type 1 diabetes (T1D)</td>
<td>Megan Evans (Australia)</td>
</tr>
<tr>
<td>15:18 - 15:29</td>
<td>Diabetes ambulatory service: lessons learned from health care professionals’ point of view</td>
<td>Rathi Jayabalan (Australia)</td>
</tr>
</tbody>
</table>
Scientific Program

A new pediatric diabetes knowledge test: instrument development and factor analysis
Speaker: Mark Clements (United States)
15:29 - 15:40

Strengths, risk factors, and resilient outcomes in adolescents with type 1 diabetes (T1D): results from diabetes MILES Youth - Australia
Speaker: Marisa Hiliard (United States)
15:40 - 15:51

Exercise is associated with glycemic control and QoL in young persons with type 1 diabetes (T1D): the Global TEENs study
Speaker: Ragnar Hanas (Sweden)
15:51 - 16:03

Diabetes Community Care Ambassador Program: a feasibility report
Speaker: Craig Taplin (United States)
16:03 - 16:15

Opening & Closing Sessions
Opening Ceremony
16:30 - 17:00
Session Room 1 - Q2

Opening Ceremony
16:30 - 17:00

Opening & Closing Sessions
17:00 - 18:00
Exhibition Area

Welcome Reception
ISPAD + APEG 2015, Joint Annual Conference of the International Society for Pediatric and Adolescent Diabetes and Australasian Paediatric Endocrine Group, October 7 - 10, 2015, Brisbane, Australia

Scientific Program

Thursday, 08 October 2015

Satellite Symposium / Workshop
07:45 - 08:45
Session Room 3 - M1 & M2

Industry Symposium
Industry Session not included in main CME event

Satellite Symposium / Workshop
07:45 - 08:45
Session Room 4 - P5

Industry Workshop
Industry Session not included in main CME event

Plenary Session
09:00 - 10:00
Session Room 1 - Q2

Plenary Session II, Diabetes In Indigenous Peoples

Chairs:
Chair: Lynda Fisher (United States)
Chair: Wayne Cutfield (New Zealand)

The Burden and Determinants of Diabetes in Indigenous Peoples 09:00 - 09:30
Speaker: Alex Brown (Australia)

Type 2 diabetes in Indigenous children 09:30 - 10:00
Speaker: Elizabeth Sellers (Canada)

Industry Exhibition
09:30 - 16:30
Exhibition Area

Exhibition

Clinical Practice Symposium
10:30 - 12:00
Session Room 1 - Q2

Clinical Practice Symposium - Diabetes Session I, Teams, Teamwork and Targets

Chairs:
Chair: Peter Goss (Australia)
Chair: Lena Hanberger (Sweden)

The way to the optimal multidisciplinary team. A Danish perspective 10:30 - 11:00
Speaker: Birthe Olsen (Denmark)
Scientific Program

How teamwork improves patient outcomes: implications for clinical practice  
Speaker: Bruce King (Australia)  
11:00 - 11:30

How to manage and promote teamwork when resources are limited  
Speaker: Vijayalakshmi Bhatia (India)  
11:30 - 12:00

Symposium - Endocrine Session
Symposium - Endocrine Session III, Norman Wettenhall Symposium: Growth: from Genes to Growth Hormone
Chairs:  
Chair: Chris Cowell (Australia)  
Chair: Mark Harris (Australia)

Growth Hormone Treatment: Regional Issue  
Speaker: Muhammad Yazid Jaluludin (Malaysia)  
10:30 - 11:00

Woolie tales of obesity  
Speaker: Iain Clarke (Australia)  
11:00 - 11:30

The Function of Growth Hormone Beyond Growth  
Speaker: Ken Ho (Australia)  
11:30 - 12:00

Oral Session - Diabetes Session
Oral Session IV - Diabetes Session, Epidemiology and Other Diabetes
Chairs:  
Chair: Marian Rewers (United States)  
Chair: Carmel Smart (Australia)

Genetic risk for co-occurrence of type 1 diabetes and celiac disease is modified by HLA-C and killer-immunoglobulin like receptors  
Speaker: Darja Smigoc Schweiger (Slovenia)  
10:30 - 10:41

Serum miRNA profiles as biomarkers of HNF1B-MODY  
Speaker: Wojciech Fendler (Poland)  
10:41 - 10:52

HbA1c associated to increased mortality in a Danish cohort of young patients with type 1 diabetes followed for 25 years: the Danish cohort of pediatric diabetes 1987 (DCPD1987)  
Speaker: Kristian Sandahl (Denmark)  
10:52 - 11:03

Measuring changes in glucose rate of appearance in patients with diabetes  
Speaker: Laura Pyle (United States)  
11:03 - 11:14

Clinical risk factors for psychiatric disorders in young adults with childhood onset T1DM: insights from 20 years of follow up  
Speaker: Matthew Cooper (Australia)  
11:14 - 11:25
Scientific Program

Reduced incidence of severe hypoglycemia and changing trends in treatment of type 1 diabetes (T1D) in children the last 12 years in Norway - a nationwide study  
Speaker: Hildegunn Borkamo Styve (Norway)  
11:25 - 11:36

1,5-Anhydroglucitol, a discriminatory gas chromatography-mass spectrometry (GC-MS) metabolomic marker in adolescents with type 1 diabetes- quantified using the plasma Glycomark® assay  
Speaker: Louise Conwell (Australia)  
11:36 - 11:48

The Australasian diabetes data network (ADDN): first national audit data  
Speaker: Helen Phelan (Australia)  
11:48 - 12:00

Satellite Symposium / Workshop

Industry Symposium

Industry Session not included in main CME event

Poster Session

Poster Tour 2: Associated diseases

Chairs:  
Chair: Olga Kordonouri (Germany)

Hypoglycaemia: prevalence and characteristics in non-diabetic adults with cystic fibrosis (CF), attending a centre in Australia  
Speaker: Angela Matson (Australia)

Effectiveness of high dose (stoss) oral vitamin D supplementation with or without additional daily vitamin D in children with cystic fibrosis  
Speaker: Alexia Pena (Australia)

Influence of insulin therapy on nutritional status and pulmonary function in children and adolescents with cystic fibrosis related diabetes  
Speaker: Darja Smigoc Schweiger (Slovenia)

Characteristics of thyroid autoimmunity and dysfunction in children and adolescents with type 1 diabetes mellitus  
Speaker: Luis Eduardo Calliari (Brazil)

Celiac disease in children and adolescents with type 1 diabetes mellitus  
Speaker: Luis Eduardo Calliari (Brazil)
Scientific Program

Aniti-parietal cell (ATP4A) autoimmunity in children with type 1 diabetes (T1DM)
Speaker: Agata Chobot (Poland)

Eating disorders in type 1 adolescent females
Speaker: Shruti Parikh (India)

Pancreatectomy and auto islet transplantation in a child with severe chronic hereditary pancreatitis
Speaker: Myfanwy Geyer (Australia)

Bone metabolism and glucose control in children and adolescents with T1DM
Speaker: Alessandro Salvatoni (Italy)

25(OH)D levels in patients of type 1 diabetes mellitus
Speaker: Madhukar Mittal (India)

Simultaneous onset of diabetes and juvenile dermatomyositis in a boy
Speaker: Thierry Mouraux (Belgium)

Poster Tour
13:30 - 14:30
Poster Exhibition

Poster Tour 5: Diabetes care II

Chairs:
Chair: Julie Knowles (United Kingdom)

Diabetes basics - managing type 1 diabetes at school and preschool: developing a suite of resources for schools and families
Speaker: Karen Crawford (Australia)

The Westmead Model: seamless transition for young people with type 1 diabetes from pediatric to adult health care
Speaker: Kristine Heels (Australia)

Self-care and optimal glycaemic control in young adolescents with type 1-diabetes: role of a consistent parental support of adolescent’s self-care at least in the management of diabetes and if possible also in its psychosocial life
Speaker: Julie Pelicand (Chile)

Using blood glucose meter downloads to improve the accuracy of verbal self-reported blood glucose in teenagers with type 1 diabetes at ski camp
Speaker: Jenny Rayns (New Zealand)

Can the frequency of paediatric clinic attendance predict what will happen post-transition?
Speaker: Mary White (Australia)

Childhood diabetes: focus on glycaemic goal than phenotyping
Speaker: Jason Lam Shang Leen (Singapore)

Insulin regimens, diabetes knowledge, quality of life and HbA1c in children and adolescents with type 1 diabetes
Speaker: Cecile Godot (France)

HbA1c assessment every 6 or 12 weeks?
Speaker: Niels Birkebæk (Denmark)
Scientific Program

CoYoT1 Clinic: diabetes care from your sofa (Colorado Young Adults with T1D)
Speaker: Cari Berget (United States)

The impact of management program for children with diabetes in China on the glucose control of T1DM children and related factors on glucose control
Speaker: Zhihong Chen (China)

The peculiarities of psychological status in children with type 1 diabetes mellitus
Speaker: Anzhalika Solntsava (Belarus)

Poster Tour
13:30 - 14:30

Poster Tour 8: Diabetes Education I

Chairs:
Chair: Helen Phelan (Australia)

Awareness and knowledge of diabetic ocular diseases among diabetic patients. Aden Diabetic Center, 2013
Speaker: Gamil Saleh (Yemen)

Dasman diabetes motivational interview program (DDMI)
Speaker: Naglaa Mesbah (Kuwait)

Exploring adolescents' and their caregivers' experiences of an intensive structured education program (SEP) for type 1 diabetes (T1D) “Kids In Control OF Food (KICK-OFF)” in Kuwait: a qualitative study
Speaker: Nehad Taha (Kuwait)

Effects of mobile phone radiation on health of diabetic patients
Speaker: Fareeha Zafar (Pakistan)

Assessment of diabetes knowledge and readiness for independent care among adolescents preparing for transition
Speaker: Joyce Lim Soo Ting (Singapore)

Type 1 diabetes therapeutic education in a nongovernmental association T1diams. An overview
Speaker: Didier Jean Pierre (Mauritius)

‘Type 1 diabetic camp: an experience in Mauritius’
Speaker: Didier Jean Pierre (Mauritius)

‘An experience in recreational diabetic day in a non-governmental organisation, T1diams, in Mauritius.’
Speaker: Didier Jean Pierre (Mauritius)
Scientific Program

Poster Tour
13:30 - 14:30

**Poster Tour 11: Diabetes epidemiology**

**Chairs:**
Chair: Catherine Pihoker (United States)

- **Association of PTPN22 gene functional variant C1858T, HLA-DQ alleles and autoantibodies with type-1 diabetes mellitus in Kuwaiti children**
  Speaker: Majedah Abdul-Rasoul (Kuwait)

- **Causes of death in a cohort of childhood-onset type 1 diabetes diagnosed during 1973-2012. A nationwide, population-based study in Norway**
  Speaker: Vibeke Gagnum (Norway)

- **Differences and similarities in type 1 diabetes in Austria, Germany and Sweden**
  Speaker: Ulf Samuelsson (Sweden)

- **High HbA1c at onset is a predictor for high HbA1c as well as smoking, low physical activity and higher frequency of retinopathy during clinical follow-up**
  Speaker: Ulf Samuelsson (Sweden)

- **The prevalence of different type diabetes mellitus in children**
  Speaker: Evgeniya Evsyukova (Russian Federation)

- **Retrospective baseline services audit regarding the nature of emergency department attendances by diabetic children registered under the care of a paediatric diabetic unit across three years**
  Speaker: Ji Soo Kim (United Kingdom)

- **Equitable health care service delivery and outcomes for children and adolescents with type 1 diabetes resident in urban and regional areas of Western Australia**
  Speaker: Aveni Haynes (Australia)

- **Equivalent metabolic control by insulin regimen and age group in a large, population based contemporary cohort of children and adolescents with type 1 diabetes in Western Australia**
  Speaker: Kiranjit Joshi (Australia)

- **Partial remission by standard and IDAA1c definitions in children with new onset type 1 diabetes in Auckland, New Zealand (2000-2013)**
  Speaker: Craig Jefferies (New Zealand)

- **Updated incidence rate (1989-2012) of diabetes mellitus type 1 (T1DM) among Polish children aged 0-14 years**
  Speaker: Przemyslawa Jarosz-Chobot (Poland)

- **Epidemiology of the type 1 diabetes of the child in the department of Oran (Algeria) from 1975 till 2014**
  Speaker: Sakina Niar (Algeria)

Poster Tour
13:30 - 14:30

**Poster Tour 14: Diabetes in developing countries II**

**Chairs:**
Chair: Annang Giri Moelyo (Indonesia)
Scientific Program

Comparison of the split mix (SM) and multiple daily injection (MDI) insulin regimen for children with type-1 diabetes mellitus (T1DM) in a developing country
Speaker: Sherline White (India)

Improving diagnosis and care of type 1 diabetes (T1DM) in Nigeria
Speaker: Kathryn Hamilton (Australia)

Speaker: Vibha Ashish Rao (India)

Growth characteristics and development in economically underprivileged type 1 diabetes children in India
Speaker: Sunitha Bourgonde (India)

Type 1 diabetes, growth retardation and diabetic cheiroarthropathy: story, disappearance and update
Speaker: Sunitha Bourgonde (India)

Detection of risk factors for type 2 diabetes mellitus in female medical students
Speaker: Pranita Ashok (India)

Abstract withdrawn by author

Management of type 1 diabetes in Congo: prospective assessment of acute complications, glycemic control and diabetes issue in Pointe-Noire
Speaker: Charley Loumade Elenga Bongo (Congo)

Level of control among patients with type 2 diabetes mellitus attending diabetic clinic under family medicine compared to diabetic clinic under endocrinology at King Abdul-Aziz medical city for National Guard - Riyadh
Speaker: Mohammed Alhabdan (Saudi Arabia)

Etiology of anaemia among young children (age under five years) in South India
Speaker: Rakesh Singh (India)

Evaluation of physician awareness of the presentations of type 1 diabetes in children and adolescents in Egypt, a pilot study
Speaker: Hanan Aly (Egypt)

Prevalence of Mauriac syndrome in type 1 DM in Ahmedabad, Gujarat, India- an observational retrospective study
Speaker: Dhruvi Hasnani (India)

Poster Tour
13:30 - 14:30

Poster Exhibition

Poster Tour 17: Monogenic and other forms of diabetes

Chairs:
Chair: Paul Benitez-Aquierre (Australia)

GCK gene mutation in boy with diabetes, hyperinsulinism and insulin resistance
Speaker: Andrey Emelyanov (Russian Federation)
Permanent neonatal diabetes (Kir6.2 mutation): two case reports - a successful switch from insulin to glibenclamide  
Speaker: Sze Lyn Jeanne Wong (Malaysia)

Early success of sulfonylurea therapy in a patient with diabetes mellitus due to GATA4 deletion  
Speaker: Alissa Roberts (United States)

KCNJ11 neonatal diabetes: a diagnosis worth making 18 years after diabetes diagnosis  
Speaker: Andriani Vazeou (Greece)

Neonatal diabetes by mutation of ABCC8 gene and successful switch from insulin to glibenclamide for two sisters aged 5 and 36 months  
Speaker: Amel Zennaki (Algeria)

Clinical characteristics of 13 children with MODY  
Speaker: Yusuke Mine (Japan)

Patients with Wolfram syndrome show a uniquely altered profile of serum microRNAs  
Speaker: Wojciech Fendler (Poland)

Genetic testing for monogenic diabetes with next generation sequencing: the first 6 months  
Speaker: Tony Huynh (Australia)

Incidence, clinical spectrum and genetic characteristics of neonatal diabetes in Abu Dhabi, United Arab Emirates  
Speaker: Asma Deeb (United Arab Emirates)

Six Chinese children with MODY2 due to GCK gene mutations  
Speaker: LI Xiuzhen (China)

Misdiagnosed cases of type 1 diabetes  
Speaker: Banshi Saboo (India)

Poster Tour
13:30 - 14:30
Poster Exhibition

Poster Tour 20: Insulin resistance and Obesity

Chairs:
Chair: Stuart Brink (United States)

Measuring obesity and lack of physical activity in Saudi school children due to excess television viewing: a case - control study  
Speaker: Sameer Al-Ghamdi (Saudi Arabia)

Erythropoietin activates heat production and lipolysis on brown adipose tissue and consequently reduces obesity in dietary-induced obese mice  
Speaker: Kazuki Kodo (Japan)

Relationship between ghrelin gene polymorphisms and obesity in Japanese children  
Speaker: Ikuyo Itoh (Japan)

Metabolic disturbances in adolescents with "Double Diabetes" and in adolescents with obesity  
Speaker: Agnieszka Szadkowska (Poland)
Scientific Program

Comorbidities of overweight and obesity are associated with increasing weight/height ratio and BMI z-score but not abnormal glucose metabolism in a paediatric population
Speaker: Brooke Harcourt (Australia)

Improvement of apolipoprotein B in Argentine indigenous school children after vitamin D supplementation
Speaker: Valeria Hirschler (Argentina)

Prevalence of fatty liver and cardiometabolic complications in overweight Indian adolescents
Speaker: Vandana Jain (India)

Association of FTO rs9939609 polymorphism on insulin resistance in obese female adolescents in Indonesia
Speaker: Kristy Iskandar (Indonesia)

Poster Tour
13:30 - 14:30
Poster Exhibition

Poster Tour 23: Psychosocial Issues in Diabetes III

Chairs:
Chair: Line Wisting (Norway)

Prevalence of disordered eating behaviours and body dissatisfaction in adolescents with type 1 diabetes: results from diabetes MILES Youth - Australia
Speaker: Emanuala Araia (Australia)

Confirmatory factor analysis of the hypoglycemia fear survey for parents of young children (HFS-PYC) in a sample of intensively managed kids
Speaker: Susana Patton (United States)

Glycemic control and quality of life in type 1 diabetes children: crucial role of parental bonding and family involvement, despite poverty
Speaker: Vibha Ashish Rao (India)

The role of parenting interventions in the management of children with type 1 diabetes
Speaker: Amy Mitchell (Australia)

Psychological distress in parents of children and adolescents with T1D
Speaker: Natasa Bratina (Slovenia)

Standardised analysis of psychosocial and disease-specific risk factors of patients and parents attending the clinic for adolescents with type 1 diabetes at Princess Margaret Hospital, Western Australia
Speaker: Kirsty Browne-Cooper (Australia)

Validation of the DAWN mind youth questionnaire (MY-Q) in Australian youth with type 1 diabetes
Speaker: Joanne Pennisi (Australia)

Experience in correction of psychasthenic states in families with newly diagnosed diabetes in children
Speaker: Evgenia Mikhailova (Russian Federation)
**Scientific Program**

**To evaluate potential moderators of the relationship between adolescent 'perceptions of competence' and HbA1c in T1DM: the ASSIST study**
Speaker: Vincent McDarby (Ireland)

**Quality of life in children with type I diabetes mellitus in Minia governorate, Egypt: relationship with mood and family attitudes**
Speaker: Basma Ali (Egypt)

**Symposium - Diabetes Session**
14:45 - 16:15  
Session Room 1 - Q2

**Symposium - Diabetes Session III, New Drugs in Diabetes**

**Chairs:**
Chair: Raj Paul Wadwa (United States)  
Chair: Christine Rodda (Australia)

- **Sodium glucose cotransport-2 inhibition and the potential for renal protection in diabetic nephropathy**  
  Speaker: David Cherney (Canada)  
  **14:45 - 15:15**

- **GLP 1 Agonists**  
  Speaker: Michael Horowitz (Australia)  
  **15:15 - 15:45**

- **New and smart insulins**  
  Speaker: Neale Cohen (Australia)  
  **15:45 - 16:15**

**Clinical Practice Symposium**
14:45 - 16:15  
Session Room 2 - Q1

**Clinical Practice Symposium - Diabetes Session II, The Challenges of Toddlers with Diabetes**

**Chairs:**
Chair: Frida Sundberg (Sweden)  
Chair: Helen Woodhead (Australia)

- **The medical management of infant and toddler diabetes**  
  Speaker: Declan Cody (Ireland)  
  **14:45 - 15:15**

- **Overcoming the challenges in the nutritional management of toddlers with diabetes**  
  Speaker: Sharon Youde (Australia)  
  **15:15 - 15:45**

- **Parenting a toddler with diabetes**  
  Speaker: Josephine Ivancsik (Australia)  
  **15:45 - 16:15**
Scientific Program

Oral Session - Endocrine Session
14:45 - 16:15
Session Room 3 - M1 & M2

Oral Session V - Endocrine Session, Endocrine Oral Session

Chairs:
Chair: Jennifer Batch (Australia)
Chair: Gary Leong (Australia)

- **Understanding the role of introns in growth**
  Speaker: William Schierding (New Zealand) 14:45 - 14:56

- **[18F]-DOPA PET/CT imaging in congenital hyperinsulinism - first 5 years of the Australian experience**
  Speaker: Louise Conwell (Australia) 14:56 - 15:07

- **Increased levels of placenta-derived exosomes within maternal circulation is associated with a higher susceptibility in developing gestational diabetes mellitus in obese women**
  Speaker: Carlos Salomon (Australia) 15:07 - 15:18

- **Subclinical atherosclerosis and glucose homeostasis in Indian obese children**
  Speaker: Aashima Dabas (India) 15:18 - 15:29

- **Reduced birth weight is associated with partial growth hormone resistance**
  Speaker: Valentina Chiavaroli (New Zealand) 15:29 - 15:40

- **Thyroid function in children with Prader-Willi syndrome (PWS) treated with growth hormone (GH).**
  Speaker: Yassmin Musthaffa (Australia) 15:40 - 15:51

- **Effects of a motivational lifestyle intervention (the Healthy Eating and Lifestyle Programme (HELP)) on metabolic outcomes in obese adolescents: findings from a randomized controlled trial**
  Speaker: Russell Viner (United Kingdom) 15:51 - 16:03

- **A novel TSHβ gene mutation with impaired immunoreactivity but normal bioactivity**
  Speaker: Jesper Johannesen (Denmark) 16:03 - 16:15

General Meeting
16:30 - 18:30
Session Room 3 - M1 & M2

APEG Annual General Meeting

Satellite Symposium / Workshop
16:45 - 18:15
Session Room 4 - P5

Industry Workshop
Industry Session not included in main CME event
Scientific Program

Friday, 09 October 2015

Satellite Symposium / Workshop
07:30 - 08:45
Session Room 4 - P5

Industry Workshop
Industry Session not included in main CME event

Special Event
08:00 - 08:45
Session Room 3 - M1 & M2

IDF Life for a Child – Updates

Chairs:
Chair: Graham Ogle (Australia)

Plenary Session
09:00 - 10:00
Session Room 1 - Q2

Plenary Session III, Protecting Mental Health In Diabetes

Chairs:
Chair: Elisabeth Northam (Australia)
Chair: Jill Hamilton (Canada)

  Screening and prevention of depression in youth with type 1 diabetes
  Speaker: Margaret Grey (United States)
  09:00 - 09:30

  Fear of hypoglycemia in pediatric type 1 diabetes: global findings and clinical implications
  Speaker: Linda Gonder-Frederick (United States)
  09:30 - 10:00

Industry Exhibition
09:30 - 16:30
Exhibition Area

Exhibition

Clinical Practice Symposium
10:30 - 12:00
Session Room 1 - Q2

Clinical Practice Symposium - Diabetes Session III, Meet the Experts: Difficult Clinical Cases

Chairs:
Chair: Angela Middlehurst (Australia)
Chair: Adam Lamendola (New Zealand)
**Scientific Program**

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>Speaker and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sick day management in diabetes - Bangladesh perspective</td>
<td>10:30 - 10:45</td>
<td>Bedowra Zabeen (Bangladesh)</td>
</tr>
<tr>
<td>Sick day management in type 1 diabetes, challenges in the developed world</td>
<td>10:45 - 11:00</td>
<td>Frances Mouat (New Zealand)</td>
</tr>
<tr>
<td>Eating disorders</td>
<td>11:00 - 11:30</td>
<td>Helen d’Emden (Australia)</td>
</tr>
<tr>
<td>Type 2 diabetes mellitus in childhood - a Singapore perspective</td>
<td>11:30 - 11:45</td>
<td>Warren Lee (Singapore)</td>
</tr>
<tr>
<td>Type 2 diabetes in childhood - a Western Australian perspective</td>
<td>11:45 - 12:00</td>
<td>Mark Shah (Australia)</td>
</tr>
</tbody>
</table>

**Symposium - Endocrine Session**

**Session Room 2 - Q1**

**Symposium - Endocrine Session IV, ESPE/ISPAD Symposium: Hypoglycaemia and its sequelae**

**Chairs:**
- Chair: Louise Conwell (Australia)
- Chair: Andrew Cotterill (Australia)

<table>
<thead>
<tr>
<th>Session</th>
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<th>Speaker and Location</th>
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</thead>
<tbody>
<tr>
<td>Hyperinsulinaemic hypoglycaemia</td>
<td>10:30 - 11:00</td>
<td>Khalid Hussain (United Kingdom)</td>
</tr>
<tr>
<td>Impaired Hypoglycaemia Awareness</td>
<td>11:00 - 11:30</td>
<td>Rory McCrimmon (United Kingdom)</td>
</tr>
<tr>
<td>Metabolic</td>
<td>11:30 - 12:00</td>
<td>Jim McGill (Australia)</td>
</tr>
</tbody>
</table>

**Oral Session - Diabetes Session**

**Session Room 3 - M1 & M2**

**Oral Session V - Diabetes Session, Diabetes Complications**

**Chairs:**
- Chair: Annelie Carlsson (Sweden)
- Chair: Sabine Hofer (Austria)

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>Speaker and Location</th>
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<tbody>
<tr>
<td>Evaluation of serum bicarbonate and anion gap to define resolution of diabetic ketoacidosis</td>
<td>10:30 - 10:41</td>
<td>Julia von Ottingen (United States)</td>
</tr>
<tr>
<td>Elastargene 3C helps to improve glycated haemoglobin in children and adolescents with type 1 diabetes using insulin pump therapy</td>
<td>10:41 - 10:52</td>
<td>Andrea Scaramuzza (Italy)</td>
</tr>
</tbody>
</table>
Scientific Program

10:52 - 11:03  
**Mechanisms of central nervous system dysfunction in hypoglycaemia and hyperglycaemia in youth with type 1 diabetes**  
Speaker: Betty Messazos (Australia)

11:03 - 11:14  
**Incidence of DKA hospitalisations in adolescents with type 1 diabetes: results from diabetes MILES Youth - Australia**  
Speaker: Christel Hendrieckx (Australia)

11:14 - 11:25  
**The impact of altered glycaemic states on working memory in adolescents with type 1 diabetes**  
Speaker: Elisabeth Northam (Australia)

11:25 - 11:36  
**Early identification of cardiac autonomic neuropathy using complexity analysis**  
Speaker: Esko Wiltshire (New Zealand)

11:36 - 11:48  
**Incidence of severe hypoglycaemia in children with type 1 diabetes in the Nordic countries in the period 2008-12. Influence of HbA1c and treatment modality**  
Speaker: Niels Birkebæk (Denmark)

11:48 - 12:00  
**HLA genotype and EV infection at diagnosis of type 1 diabetes predicts vascular complications in type 1 diabetes**  
Speaker: Kim Donaghue (Australia)

Industry Symposium

Industry Session not included in main CME event

Poster Session

Poster Tour
13:30 - 14:30

Poster Tour 3: Diabetes Acute Complications

Chair: Arleta Rewers (United States)

Abstract has been withdrawn

Diabetic ketoacidosis in an adolescent and young adult population in the UK in 2014: national survey comparison of the management in adult and paediatric settings  
Speaker: Julie Edge (United Kingdom)
Scientific Program

Audit of DKA management in Wellington New Zealand 2005-2013
Speaker: Yiing Yiing Goh (New Zealand)

Severe hypertriglyceridemia, acute pancreatitis in a new onset of type 2 diabetes adolescent presenting with diabetic ketoacidosis
Speaker: Supawadee Likitmaskul (Thailand)

Acute complications in children with type 1 diabetes from a regional cohort setting. Auckland, New Zealand
Speaker: Craig Jefferies (New Zealand)

Clinical features of different ages childhood type 1 diabetes mellitus in Tian Jin of China
Speaker: Bin Yang (China)

Evaluation of questionnaires to classify awareness of hypoglycemia in children and adolescents with type 1 diabetes
Speaker: Håvard Hatle (Norway)

Increased incidence of injuries in children and adolescents with type 1 diabetes
Speaker: Arleta Rewers (United States)

Ketoacidosis at diagnosis of type 1 diabetes in children and adolescents: role of the general practitioners
Speaker: Cecile Godot (France)

Abstract withdrawn by author

Symptomatic threshold of hypoglycemia and predictors of severe hypoglycemia in children and adolescent with T1DM
Speaker: Gianluca Musolino (Italy)

Poster Tour
13:30 - 14:30

Poster Exhibition

Poster Tour 6: Diabetes Care III

Chairs:
Chair: Emmanuel Ameyaw (Ghana)

Identifying intervention targets for a health promotion program to reduce DKA in children with newly diagnosed T1D
Speaker: Linda Hop (Australia)

Immigrant children with type1 diabetes have impaired metabolic control after three years of treatment: a nationwide cohort study in Sweden
Speaker: Jan Åman (Sweden)

Good metabolic control without excessive weight gain during the first five years of treatment of children with type 1 diabetes
Speaker: Annika Grönberg (Sweden)

Quality of life and satisfaction with treatment for children with type 1 diabetes and their parents
Speaker: Jessica Adsett (Australia)
Scientific Program

A rare complication of T1DM in a female teenager: Mauriac syndrome?
Speaker: Gianluca Musolino (Italy)

A controlled trial of family approach to diabetes management in poorly controlled adolescents with type 1 diabetes
Speaker: Peter Goss (Australia)

Does the size of a pediatric treatment centre predict the quality of care and outcome? Results from the Austrian/German DPV registry
Speaker: Sabine Hofer (Austria)

Growth, puberty and final height in children with type 1 diabetes (T1D)
Speaker: Sakina Niar (Algeria)

Abstract withdrawn by author

Varied bolus dosing for identical meals and blood glucose values, calculated by different insulin pumps
Speaker: Jeanne Buchanan (United States)

To study the relationship between C-peptide levels and duration of type 1 diabetes in urban and rural area of South India - observational study
Speaker: Sujata Jali (India)

Poster Tour
13:30 - 14:30

Poster Tour 9: Diabetes education II

Improving diabetes care through structured educational programs for multidisciplinary healthcare providers in Kuwait
Speaker: Zahra Rahme (Kuwait)

Home-based versus inpatient management of children newly diagnosed with type 1 diabetes (T1D)
Speaker: Helen Clapin (Australia)

A collection of case studies: investigating the efficacy of an intervention that reframes poor diabetes self-management as a form of self harm
Speaker: Vincent Cawley (United Kingdom)

A one-day educational course improved HbA1c in children with type 1 diabetes with poor metabolic control
Speaker: Torstein Baade Re (Norway)

Educating teachers about type 1 diabetes - a program that works
Speaker: Karen Crawford (Australia)

Abstract withdrawn by author

The cost-effectiveness of the Kids in Control OF Food (KICK-OFF) structured education programme in a paediatric population with type 1 diabetes mellitus in the UK
Speaker: Katherine Price (United Kingdom)
Scientific Program

Lesson-learn from type 1 diabetes integrating camp for patients, families and health professional careteam in less resource country
Speaker: Supawadee Likitmaskul (Thailand)

Poster Tour
13:30 - 14:30

Poster Tour 12: Diabetes Genetics

Chairs:
Chair: Wojciech Fendler (Poland)

Circulating IGF-I and IGFBP-3 in relation to the development of β-cell autoimmunity in young children
Speaker: Aleksandr Peet (Estonia)

Intestinal permeability in at risk children who progress to islet autoimmunity and type 1 diabetes
Speaker: Jessica Phillips (Australia)

IL-22 restores glucose tolerance and alters feeding behavior in obese mice - possible effects beyond the pancreatic islet
Speaker: Tony Huynh (Australia)

HLA and phenotype of children diagnosed as type-1 diabetes with and without autoantibodies at diagnosis
Speaker: Julia Schönknecht (Sweden)

Perinatal zinc status does not affect the risk of developing type 1 diabetes in childhood and adolescence
Speaker: Louise Jacobsen (Denmark)

Serum biomarker correlates of insulin secretion in individuals at risk of type 1 diabetes
Speaker: Kerry Buchanan (Australia)

Prevalence of celiac specific HLA genotypes in young patients with type 1 diabetes from Innsbruck and Graz, Austria
Speaker: Sabine Hofer (Austria)

Serum Interleukin 13 level in children and adolescents with type-1 diabetes mellitus and/or atopy
Speaker: Randa Matter (Egypt)

Glycemic control and insulin requirements during the first 3 years after onset in a pediatric cohort of 149 subjects with type 1 diabetes
Speaker: Roque Cardona-Hernandez (Spain)

Human soluble receptor for advanced glycation end products therapy reduces autoimmune diabetes in the non-obese diabetic mouse
Speaker: Sherman Leung (Australia)

Reduced immuno response to hepatitis B vaccine in children and adolescents with type 1 diabetes
Speaker: Andrea Scaramuzza (Italy)
Scientific Program

Poster Tour
13:30 - 14:30

Poster Tour 15: Diabetes Technology

Chairs:
Chair: Eda Cengiz (United States)

Continuous subcutaneous insulin therapy in very young children with type 1 diabetes: efficacy and safety
Speaker: Majedah Abdul-Rasoul (Kuwait)

A Kuwait-based pilot study to assess the efficacy of continuous glucose monitoring system to improve therapeutic adjustments in children with poorly controlled type 1 diabetes
Speaker: Zahra Rahme (Kuwait)

Prepubertal children need more bolus insulin than derived from the 500-rule
Speaker: Ragnar Hanas (Sweden)

Use of the dual wave bolus feature in children and adolescents with type 1 diabetes on insulin pump therapy - does it improve glycaemic control?
Speaker: Kristen Reed (Australia)

The use of mobile applications among adolescents with type 1 diabetes: results from diabetes Youth - Australia
Speaker: Steven Trawley (Australia)

Evaluation of overnight insulinemia and venous glucose profiles, in closed and open loop system, in children, 6 to 12 years, with type 1 diabetes
Speaker: Ulrike Schierloh (Luxembourg)

Performance of a hybrid closed loop insulin delivery system with insulin limits algorithm designed to mitigate hypoglycemia, under serial hypoglycaemic challenges
Speaker: Martin de Bock (Australia)

CGM-related skin problems are most common in very young users but not associated with atopy
Speaker: Frida Sundberg (Sweden)

Adherence to insulin pump behaviors among young children with type 1 diabetes (T1D): opportunities for intervention
Speaker: Susana Patton (United States)

Insulin pump-associated adverse events in New Zealand children and adults
Speaker: Benjamin Wheeler (New Zealand)

Assessment of metabolic outcomes following cessation of continuous subcutaneous insulin infusion (CSII)
Speaker: Kathryn Hamilton (Australia)

Poster Tour
13:30 - 14:30

Poster Tour 18: New Insulins and Pharmacologic Agents

Chairs:
Chair: Henk Veeze (Netherlands)
Scientific Program

**Sodium orthovanadate and Trigonella foenum graecum prevents neuronal parameters decline and impaired glucose homeostasis in alloxan diabetic rats**
Speaker: Pardeep Kumar (India)

*Abstract withdrawn by author*

**Earlier onset and higher early exposure of faster-acting insulin aspart vs insulin aspart in children, adolescents and adults with T1D**
Speaker: Thomas Danne (Germany)

**Add-on treatment with dapagliflozin, a sodium-glucose co-transporter (SGLT) 2 inhibitor, in type 1 diabetes (T1D) - a case report**
Speaker: Olga Kordonouri (Germany)

**Comparative study to monitor the efficacy and the safety of biphasic human insulin (Insulin H Mix-Recombinant DNA, 30/70)**
Speaker: Mohamed Hesham El Hefnawy (Egypt)

*Abstract withdrawn by author*

Poster Tour
13:30 - 14:30

**Poster Tour 21: Psychosocial Issues in Diabetes I**

**Chairs:**
Chair: Elisabeth Northam (Australia)

**Body image disturbance in young people with type 1 diabetes**
Speaker: Jo McClintock (New Zealand)

**The quality of life of Filipino pediatric patients ages 10 - 18 years consulting at the Philippine General Hospital diagnosed with diabetes mellitus type 1 using the PedsQL 4.0 generic core scale Filipino version**
Speaker: Korina Ada Tanyu (Philippines)

**New risk stratification tool: development and use of a risk assessment tool for patients and families with type 1 diabetes mellitus**
Speaker: Manmohan Kamboj (United States)

**Beyond the referral to paediatric consultation liaison service: an evaluation of mental health issues in type1 diabetes**
Speaker: Wendy Radcliffe (Australia)

**Screening for depression among parents and patients of type 1 diabetes mellitus**
Speaker: Vaman Khadilkar (India)

**Positive well-being in young adolescents with type 1 diabetes (T1D)**
Speaker: Marisa Hilliard (United States)

**Gender and age differences in diabetes distress and depressive symptoms among adolescents with type 1 diabetes: results from diabetes MILES Youth - Australia**
Speaker: Virginia Hagger (Australia)

**Behavioural and psychological predictors of HbA1c in adolescents with type 1 diabetes: results from diabetes MILES Youth – Australia**
Speaker: Virginia Hagger (Australia)
Health-related quality of life of children with type 1 diabetes and the relation to metabolic control
Speaker: Christina Peterson (Sweden)

Poster Tour
13:30 - 14:30

Poster Tour 24: Thyroid

Chairs:
Chair: Neville Howard (Australia)

Grave’s disease presenting as life threatening thyrotoxic hypokalaemic periodic paralysis in a Caucasian boy
Speaker: Kiranjit Joshi (Australia)

Neonatal Graves’ disease with sustained hypothyroxinaemia post cessation of antithyroid medication
Speaker: Lit Kim Chin (Australia)

Serum free thyroxine distribution in euthyroid thyroxine treated children with primary hypothyroidism
Speaker: Lit Kim Chin (Australia)

Variable neonatal impact of maternal hyperthyroidism in pregnancy
Speaker: Angela Titmuss (Australia)

The tale of two sisters: raised thyroglobulin with isolated hypothyroxinaemia - a potential sign of underlying genetic abnormality
Speaker: Philip Bergman (Australia)

Neuropsychological outcomes in children with subclinical congenital hypothyroidism
Speaker: Paul Hofman (New Zealand)

Subtle reduction in TSH following structural traumatic brain injury in early childhood
Speaker: Natasha Heather (New Zealand)

Audit of thyroid carcinoma in children, adolescents and adults
Speaker: Wei Li Cindy Ho (Singapore)

A tale of two syndromes: an instructive case of two synchronous variants in ABCC8 and DICER1
Speaker: Bruce King (Australia)

A case of transient hyperthyroidism in a child with congenital hypothyroidism due to dyshormonogenesis
Speaker: Philip Bergman (Australia)
Scientific Program

Symposium - Diabetes Session
14:45 - 16:15
Session Room 1 - Q2

Symposium - Diabetes Session IV, Hot Topics in the Basic Science Arena

Chairs:
Chair: George Werther (Australia)
Chair: Joseph Wolfsdorf (United States)

- **Reining in the powerhouse: restoring mitochondrial function in diabetic kidney disease** 14:45 - 15:15
  Speaker: Melinda Coughlan (Australia)

- **Coping with stress: IL-22 and cytokines in beta cell function** 15:15 - 15:45
  Speaker: Sumaira Hasnain (Australia)

- **Sex, drugs and the developmental origins of metabolic dysfunction** 15:45 - 16:15
  Speaker: Karen Moritz (Australia)

Clinical Practice Symposium
14:45 - 16:15
Session Room 2 - Q1

Clinical Practice Symposium - Diabetes Session IV, Diabetes and Cystic Fibrosis

Chairs:
Chair: Larry Deeb (United States)
Chair: Craig Jefferies (New Zealand)

- **Cystic fibrosis - insulin deficiency, early action** 14:45 - 15:15
  Speaker: Charles Verge (Australia)

- **Cystic fibrosis related diabetes - clinical care** 15:15 - 15:45
  Speaker: Carlo Acerini (Australia)

- **Cystic fibrosis related diabetes (CFRD) and dietary management - clinical practice issues** 15:45 - 16:15
  Speaker: Angela Matson (Australia)

Symposium - Endocrine Session
14:45 - 16:15
Session Room 3 - M1 & M2

Symposium - Endocrine Session V, Pituitary and Pituitary Tumours

Chairs:
Chair: Tony Lafferty (Australia)
Chair: Kim Ramjan (Australia)

- **Genetics of pituitary tumors** 14:45 - 15:15
  Speaker: Maya Lodish (United States)

- **Management of pituitary tumours in adolescents: lessons from adults** 15:15 - 15:45
  Speaker: Ken Ho (Australia)

- **Advances in Pituitary Imaging in Paediatrics** 15:45 - 16:15
  Speaker: Mark Phillips (Australia)
Scientific Program

General Meeting
16:30 - 18:00
Session Room 3 - M1 & M2

ISPAD Annual General Meeting

ISPAD Annual General Meeting
Scientific Program

Saturday, 10 October 2015

Plenary Session
09:00 - 10:00  Session Room 1 - Q2

Plenary Session IV, Epigenetics

Chairs:
Chair: Michelle Jack (Australia)
Chair: Hans-Jacob Bangstad (Norway)

09:00 - 09:30
Mechanisms underlying the developmental origins of metabolic health - insight into intervention strategies
Speaker: Susan Ozanne (United Kingdom)

09:30 - 10:00
Implications of Epigenetics in Metabolism and the Diabesity Syndrome
Speaker: Sam El-Osta (Australia)

Industry Exhibition
09:30 - 15:30  Exhibition Area

Exhibition

Symposium - Diabetes Session
10:30 - 12:00  Session Room 1 - Q2

Symposium - Diabetes Session VII, Are We What We Eat? Nutrition and Diabetes

Chairs:
Chair: Bruce King (Australia)
Chair: Francesca Annan (United Kingdom)

10:30 - 11:00
The role of the microbiome in the pathogenesis of type 1 diabetes - what do we know?
Speaker: Anna Heintz-Buschart (Luxembourg)

11:00 - 11:30
AGEs in our diet: where do they go and why?
Speaker: Josephine Forbes (Australia)

11:30 - 12:00
What have nutritional trials taught us in diabetes in children and adolescents?
Speaker: Peter Clifton (Australia)
Symposium - Diabetes Session
10:30 - 12:00

Symposium - Diabetes Session V, ADA/ISPAD Symposium: The Rights of the Individual with Diabetes

Chairs:
Chair: Martin Silink (Australia)
Chair: Jane Chiang (United States)

Rights of the child with diabetes from an international perspective with a focus on the developing world 10:30 - 11:00
Speaker: Kate Armstrong (Australia)

Diabetes and Adolescence Don’t Mix? 11:00 - 11:30
Speaker: Nathan Stupiansky (United States)

Diabetes and disability - how well do we do? 11:30 - 12:00
Speaker: Michael McDowell (Australia)

Symposium - Diabetes Session
10:30 - 12:00

Symposium - Diabetes Session VI, VIDIS Symposium

Chairs:
Chair: Maria Craig (Australia)
Chair: Mark Clements (United States)

DiViD study. What can we learn from pancreatic biopsies? 10:30 - 11:00
Speaker: Lars Krogvold (Norway)

Enteroviruses and the immunopathology of type 1 diabetes 11:00 - 11:30
Speaker: Noel Morgan (United Kingdom)

Gene-environment interactions in type 1 diabetes - what can we learn from other diseases? 11:30 - 12:00
Speaker: Anne-Louise Ponsonby (Australia)

Clinical Practice Symposium
12:15 - 13:15

Clinical Practice Symposium - Diabetes V, APPES/ISPAD Symposium: Using Guidelines to Improve Clinical Care in Developing and Developed Countries

Chairs:
Chair: Margaret McGill (Australia)
Chair: Carine de Beaufort (Netherlands)

Standard setting in diabetes - NICE work if you can get it 12:15 - 12:35
Speaker: Jerry Wales (Australia)

Challenges of using and meeting clinical guidelines in India 12:35 - 12:55
Speaker: Vaman Khadilkar (India)
Scientific Program

Adaptation and implementation of guidelines in developing countries  
Speaker: Graham Ogle (Australia)  
12:55 - 13:15

Symposium - Endocrine Session  
12:15 - 13:15  
Session Room 2 - Q1

Symposium - Endocrine Session VI, Turner Syndrome

Chairs:  
Chair: Sarah McMahon (Australia)  
Chair: Frances Mouat (New Zealand)

Optimizing hormone replacement therapy in girls with Turner syndrome (TS)  
Speaker: Charmian Quigley (Australia)  
12:15 - 12:45

Improving cardiac surveillance and cardio-metabolic risk in Turner syndrome  
Speaker: Claus Gravholt (Denmark)  
12:45 - 13:15

Plenary Session V, JDRF Symposium: Cutting Edge Technology

Chairs:  
Chair: Aaron Kowalski (United States)  
Chair: Elizabeth Davis (Australia)

Presentation  
Speaker: Bruce Buckingham (United States)  
14:00 - 14:30

Using technology to reduce hypoglycaemia  
Speaker: Tim Jones (Australia)  
14:30 - 15:00

Opening & Closing Sessions  
15:00 - 15:30  
Session Room 1 - Q2

Closing Ceremony

Closing Ceremony  
15:00 - 15:30