



## APEG ASM 2019 Program

All sessions will be held in Panorama Room 1 & 2, unless otherwise stated.

### SUNDAY 1 SEPTEMBER

12.00	Registration opens	
1.30	<b>PRACTICAL STREAM – PSYCHOSOCIAL</b> <i>Chairpersons: Sharon Youde &amp; Martin de Bock</i> <span style="float: right;">Panorama Room 3</span>	
1.30	A template for perfect clinical care of youth with Type 1 Diabetes - Holy Grail or Myth? <i>Elisabeth Northam, Royal Children's Hospital, Vic</i>	
2.00	Anxiety in adolescence - bridging the gap between theory and practice <i>Simone Collins, Canberra Hospital and Health Services, ACT</i>	
2.30	<b>PRACTICAL STREAM – BARRIERS TO TECHNOLOGY INCLUDING SKINCARE</b> <i>Chairpersons: Nirubasini Paramalingam &amp; Kristine Heels</i> <span style="float: right;">Panorama Room 3</span>	<b>PRACTICAL STREAM – BONE</b> <i>Chairpersons: Kate Williams &amp; Phil Bergman</i> <span style="float: right;">Panorama Room 2</span>
2.30	T: Slim x2 and Medtronic 670 – what's new in diabetes pumps <i>Maree Thus &amp; Shaun Johnson, Women's and Children's Hospital, SA</i>	2.30 How to improve function in children with bone and mineral disorders <i>Verity Pacey, Macquarie University, NSW</i> <i>Christie-lee Wall, The Children's Hospital at Westmead, NSW</i>
3.00	Skincare issues and management with diabetes technology <i>Ann Faherty &amp; Nicola Skinner, Starship Diabetes Service, New Zealand</i>	
3.30	Afternoon tea	
4.00	<b>PRACTICAL STREAM – ORAL PRESENTATIONS</b> <i>Chairpersons: Bin Moore &amp; Yassmin Musthaffa</i> <span style="float: right;">Panorama Room 3</span>	
4.00	Identifying barriers to the management of Type 1 Diabetes in culturally and linguistically diverse families <i>Sabrina Binkowski, Telethon Kids Institute, WA</i>	
4.12	Advanced ECG Analysis of Cardiac Function in Children with Type 1 Diabetes Mellitus <i>Brooke Marsters, University of Otago, New Zealand</i>	
4.24	Walking quality of children with healed Perthes disease <i>Verity Pacey, Macquarie University, NSW</i>	
4.36	Additional Insulin is Required in Both the Early and Late Postprandial Periods for Meals High in Protein and Fat <i>Carmel Smart, John Hunter Children's Hospital, NSW</i>	
4.48	Does starting CGM at diagnosis increase uptake and continuation in children and adolescents with Type 1 Diabetes? <i>Jan Fairchild, Women's and Children's Hospital, NSW</i>	
5.00	Close of day	
5.15	Welcome Reception - Regattas Bar and Kitchen	



## MONDAY 2 SEPTEMBER

8.30	<b>Welcome to Country &amp; Opening Ceremony</b>	
9.00	<b>ROBERT VINES LECTURE</b> <i>Chairperson: Esko Wiltshire</i> Combination therapy to prevent and reverse Type 1 Diabetes <i>Michael Haller, University of Florida, USA</i>	
10.00	<b>Morning tea and poster viewing</b>	
11.00	<b>EMERGING INVESTIGATOR PRESENTATIONS</b> <i>Chairpersons: Alexia Peña &amp; Paul Hofman</i>	
11.00	Diversity of outcomes in randomised trials of interventions for children with osteogenesis imperfecta <i>Richard McGee, The Children's Hospital at Westmead, NSW</i>	
11.15	The power of expecting normality <i>Denise Steers, University of Otago, New Zealand</i>	
11.30	Association between Childhood Type 1 Diabetes and Bone Mass and Structure <i>Komal Vora, John Hunter Children's Hospital &amp; Gosford Hospital, NSW</i>	
11.45	Sleep and glycaemic control in children and adolescents with Type 1 Diabetes Mellitus <i>Grace Macaulay, University of Otago, New Zealand</i>	
12.00	Minimal Impact of Acute Hyperglycaemia on Exercise Performance in Recreationally Active Young People with Type 1 Diabetes <i>Karen Rothacker, Royal Perth Hospital, WA</i>	
12.15	Antigen specific T cell responses in Type 1 Diabetes <i>Yassmin Musthaffa, Queensland Children's Hospital, Qld</i>	
12.30	<b>Lunch</b>	
1.30	<b>SCIENTIFIC STREAM – REPRODUCTIVE ENDOCRINOLOGY</b> <i>Chairpersons: Margaret Zacharin &amp; Shubha Srinivasan</i>	<b>PRACTICAL STREAM – DIABETES TECHNOLOGY</b> <i>Chairpersons: Mark Pascoe &amp; Ann Faherty</i> <i>Panorama Room 3</i>
1.30	Fertility preservation in reproductive medicine and its relevance to children and adolescents <i>Robert Norman, University of Adelaide, SA</i>	CGMS pros and cons <i>Jerry Wales, Queensland Children's Hospital, Qld</i>
2.00	Changing the way we ascertain sex chromosome aneuploidy through population based antenatal screening using Non-Invasive Prenatal Testing (NIPT) <i>Trent Burgess, Victorian Clinical Genetic Services, Vic</i> 	How flash is flash? Evidence, pro's, con's and adjuncts <i>Ben Wheeler, University of Otago, New Zealand</i>
2.30	Gynaecological issues to consider in management of adolescents with CAH <i>Sonia Grover, Royal Children's Hospital, Vic</i>	670G: practical lessons for successful auto mode <i>Mary Abraham, Perth Children's Hospital, WA</i>
3.00	<b>Afternoon tea</b>	
3.30	<b>SPEED POSTER TALKS (15 talks x 2 minutes each)</b> <i>Chairpersons: Sarah McMahon &amp; Craig Jefferies</i> Please refer to the end of the program for a detailed list of speed poster talks.	




4.15	<b>SCIENTIFIC STREAM – COELIAC DISEASE</b> <i>Chairperson: Carmel Smart &amp; Maria Craig</i>	
4.15	Coeliac Disease: Separating the wheat from the chaff <i>Li-za Tan, John Hunter Children’s Hospital, NSW</i>	
4.35	Current issues in the dietary management of coeliac disease in Type 1 Diabetes <i>Anna Pham-Short, The Children’s Hospital at Westmead, NSW</i>	
4.55	Panel discussion <i>Li-za Tan, John Hunter Children’s Hospital, NSW</i> <i>Anna Pham-Short, The Children’s Hospital at Westmead, NSW</i> <i>Fran Mouat, Starship Children’s Hospital, New Zealand</i>	
5.15	Close of day	
5.15	<b>PFIZER SPONSORED SYMPOSIUM</b> <i>Chairperson: Kristen Neville</i> Genetics for Paediatric Endocrinologists <i>Christopher Barnett, Women’s and Children’s Hospital, SA</i> <b><i>This symposium has been developed by the APEG ASM organisers with the financial support from Pfizer. Pfizer did not provide any input in the selection of topic, speaker or meeting content.</i></b>	<i>Panorama Room 3</i> 

## TUESDAY 3 SEPTEMBER

8.00	Breakfast & AGM	<i>Panorama Room 3</i>
9.30	<b>SCIENTIFIC SESSION – PANCREAS AND GUT BIOLOGY</b> <i>Chairpersons: Jenny Couper &amp; Fergus Cameron</i>	
9.30	Pancreas volume as a biomarker for Type 1 Diabetes <i>Michael Haller, University of Florida, USA</i>	
10.00	Gastric emptying and the personalised management of diabetes <i>Michael Horowitz, University of Adelaide, SA</i>	
10.30	Australasian Guidelines for Type 2 Diabetes mellitus in children and adolescents: APEG Position Statement <i>Rachana Dahiya, Queensland Children’s Hospital, Qld on behalf of APEG Type 2 Diabetes Subgroup</i>	
11.00	<b>Morning tea and poster viewing</b>	
12.00	<b>SCIENTIFIC SESSION – EMERGING PHARMACOLOGY</b> <i>Chairpersons: Helen Woodhead &amp; Craig Munns</i>	
12.00	New treatments for adrenal insufficiency <i>David Torpy, Royal Adelaide Hospital, SA</i>	
12.30	Asfotase alfa in hypophosphatasia <i>Erik Imel, Indiana University, USA</i>	
1.00	Lunch	



2.00	<b>NORMAN WETTENHALL SYMPOSIUM</b> <i>Chairpersons: Jan Fairchild &amp; Geoff Ambler</i>	
2.00	Severe traumatic brain injury: endocrine dysfunction does occur in the long run <i>Michel Polak, Hôpital Universitaire Necker Université Paris Descartes, France</i>	
2.30	GH and IGF-1 assays – laboratory aspects for endocrinologists <i>Rita Horvath, NSW Health Pathology, NSW</i>	
3.00	It's not about the height – transitioning from adolescence to adulthood <i>Fran Mouat, Starship Children's Hospital, New Zealand</i>	
3.30	<b>Afternoon tea and APEG networking</b>	
6.30	Conference Dinner - Adelaide Town Hall	

## WEDNESDAY 4 SEPTEMBER

8.00	<b>FREE PAPERS</b> <i>Chairpersons: Shihab Hameed &amp; Ann Maguire</i>	
8.00	Burosumab resulted in better clinical outcomes than continuation with conventional therapy in both younger (1-4 years-old) and older (5-12 years-old) children with X-linked hypophosphatemia <i>Erik Imel, Indiana University, USA</i>	
8.10	Bisphosphonate improves hip range of motion and pain but not femoral head sphericity. A multicentre, randomized clinical trial of children with Perthes disease <i>Craig Munns, The Children's Hospital at Westmead, NSW</i>	
8.20	Towards true ovarian preservation during cancer treatment: Cisplatin- and cyclophosphamide-induced oocyte death is due to direct damage to primordial follicle oocytes <i>Quynh-Nhu Nguyen, Royal Children's Hospital, Vic</i>	
8.30	Five-year cohort profile: The Environmental Determinants of Islet Autoimmunity (ENDIA) study <i>Rebecca Thomson, University of Adelaide, SA</i>	
8.40	Longitudinal determinants of cardiovascular risk in Australian and New Zealand youth with type 1 diabetes: the ADDN Study <i>Jenny Couper, Women's and Children's Hospital, SA</i>	
8.50	Periodontal disease relates to diabetes control in children and adolescents with type 1 diabetes <i>Alexia Peña, University of Adelaide &amp; Women's and Children's Hospital, SA</i>	
9.00	<b>BONE SYMPOSIUM</b> <i>Chairperson: Peter Simm</i>	
9.00	FGF23 mediated bone disorders and their treatment <i>Erik Imel, Indiana University, USA</i>	
9.45	Case discussions	
9.45	Long term outcome of a patient with hypophosphatasia treated for 8 years with asfotase alfa <i>Gabby Atlas, Royal Children's Hospital, Vic</i>	
10.00	Tumoral calcinosis due to GALNT3 mutation <i>Paul Hofman, Starship Auckland, New Zealand</i>	
10.15	Hypercalcaemia and osteonecrosis of the jaw in association with denosumab use in the paediatric population <i>Christie-lee Wall, The Children's Hospital at Westmead, NSW</i>	



10.30	<b>Morning tea</b>	
11.00	<b>SCIENTIFIC SESSION – NEONATAL</b> <i>Chairpersons: Patricia Crock &amp; Tony Huynh</i>	
11.00	Congenital hypothyroidism and diagnosis in the neonatal period: new questions, new genes <i>Michel Polak, Hôpital Universitaire Necker Université Paris Descartes, France</i>	
11.30	Neonatal TFTs – reference intervals and assay interferences <i>Tina Yen, Royal Children’s Hospital, Vic</i>	
12.00	Adrenal function in the neonate <i>Mark Harris, Queensland Children’s Hospital, Qld</i>	
12.30	<b>Lunch</b>	
1.30	<b>HOT TOPICS</b> <i>Chairpersons: Jerry Wales &amp; Christine Rodda</i>	
1.30	Novel medical therapy in paediatric osteoporosis <i>Aris Siafarikas, Princess Margaret Hospital, WA</i>	
2.00	Ways with words: Why our #LanguageMatters in Type 1 Diabetes care <i>Jane Speight, Australian Centre for Behavioural Research in Diabetes, Vic</i>	<b>Medtronic</b>
2.30	What’s new in lipids – assessing cardiovascular risk in children and young adults <i>John Burnett, PathWest Royal Perth Hospital, WA</i>	
3.00	Conference close	
4.00 – 7.00	RACP Supervisors Workshop	



### SPEED POSTER TALKS (15 talks x 2 minutes each)

3.30	Longitudinal changes in exocrine function preceding type 1 diabetes in young children: the ENDIA study <i>Priya Augustine, Women's and Children's Hospital, SA</i>
3.33	Type 1 diabetes mellitus-associated genetic variants contribute to overlapping immune regulatory networks <i>Denis Nyaga, Liggins Institute, The University Of Auckland, New Zealand</i>
3.36	Bed-time protein supplementation and the prevention of overnight late onset post exercise hypoglycemia: an in-clinic study <i>Nirubasini Paramalingam, Telethon Kids Institute, WA</i>
3.39	Novel otx2 gene mutations causing combined pituitary hormone deficiency without ocular anomalies <i>Oliver Heath, John Hunter Children's Hospital, NSW</i>
3.42	Exploring parental perspectives following commencement of flash glucose monitoring in adolescents with type 1 diabetes and a history of suboptimal glycaemic control: a qualitative study <i>Sara Boucher, University of Otago, New Zealand</i>
3.45	Does prior Bisphosphonate therapy in children and adolescents with cerebral palsy alter surgical outcomes? <i>Verity Pacey, Macquarie University, NSW</i>
3.48	Novel mutation in COL1A2 causing high bone mineral density osteogenesis imperfecta <i>Lara Graves, Sydney Children's Hospital Network, NSW</i>
3.51	Persistence of serum testosterone after inadvertent exposure of topical testosterone in infants and children <i>Elaine Sanderson, Perth Children's Hospital, WA</i>
3.54	Acute Kidney Injury (AKI) in a Neonate with Subcutaneous Fat Necrosis (SCFN) with Pamidronate therapy for hypercalcaemia <i>Karissa Ludwig, Sydney Children's Hospital, NSW</i>
3.57	Glycaemic patterns derived from masked continuous glucose monitoring in adolescents with Type 1 diabetes on contemporary management <i>Mary Abraham, Perth Children's Hospital, WA</i>
4.00	Norethisterone interference with automated testosterone immunoassay – potential clinical implications in trans- and gender diverse youth <i>Farah Rodrigues, Royal Children's Hospital, Vic</i>
4.03	Insulin sensitivity and heat-shock protein 90 are associated with partial remission in type 1 diabetes <i>Kerry Buchanan, Queensland Children's Hospital, Qld</i>
4.06	Sleep quality and habitual sleep patterns of adolescents and young adults (13-20 years) with suboptimal glycaemic control – preliminary findings from the 'Managing Diabetes in a Flash' study <i>Shelley Rose, University of Otago, New Zealand</i>
4.09	What foods cause problematic glucose excursions in children and adolescents with Type 1 Diabetes and what strategies do families use to manage this? <i>Tenele Smith, John Hunter Children's Hospital, NSW</i>
4.12	A heterozygous mutation in ABCC8 in a pedigree with congenital hyperinsulinism, multiple macrosomic stillbirths and adult-onset diabetes mellitus <i>Karissa Ludwig, Sydney Children's Hospital, NSW</i>