Scientific Programme

Wednesday, 26 October 2016

Opening & Closing Sessions
08:00 - 09:00
Auditorio 1

President's Welcome   Opening Lecture

President's Welcome
08:00 - 08:30

Diabetes at 212 degrees: Confronting the Invisible for the Next Generation
08:30 - 09:00
Speaker: Desmond Schatz (United States)

Plenary Session
09:00 - 10:30
Auditorio 1

Plenary session I, Type 1 Diabetes Etiology: Genetics and Environmental factors

Chairs:
Chair: David Maahs (United States)
Chair: Marta Ferrer (Spain)

Genetic of T1 Diabetes Update: Can genetics help in diagnosis, better treatment or prevention?
09:00 - 09:30
Speaker: Alberto Pugliese (United States)

Environmental factors triggering beta cell autoimmunity
09:30 - 10:00
Speaker: Matthias Von Herrath (United States)

Metabolic Karma: the epigenetic legacy of glucose control in type 1 diabetes
10:00 - 10:30
Speaker: Merlin Thomas (Australia)

Symposium
11:00 - 12:30
Auditorio 1

Symposium I, Autoimmunity and diabetes: Type 1 DM and more

Chairs:
Chair: Desmond Schatz (United States)
Chair: Beatriz García - Cuartero (Spain)

Should we measure Diabetes autoantibodies for routine diagnosis? And How?
11:00 - 11:30
Speaker: Annette Ziegler (Germany)

Double diabetes or type 1.5: How frequent is & how to treat ?
11:30 - 12:00
Speaker: Ingrid Libman (United States)

Are we ready to screen the general population for Type 1 Diabetes and coeliac disease?
12:00 - 12:30
Speaker: Ake Lernmark (Sweden)
Symposium
11:00 - 12:30
Auditorio 2

Symposium II, Exercise: part of diabetes treatment or only for the fittest? (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Peter Adolfsson (Sweden)
Chair: Javier Ampudia (Spain)

Sports nutrition
Speaker: Francesca Annan (United Kingdom)

Physiology
Speaker: Mike Riddell (Canada)

The Child/adolescent athlete - how to combat diabetes
Speaker: Gavin Griffiths (United Kingdom)

Symposium
11:00 - 12:30
Auditorio 3

Symposium III, ESPE/ISPAD Symposium: Rare monogenetic diabetes

Chairs:
Chair: Marisol Ruiz Adana (Spain)
Chair: Catherine Pihoker

Diabetes and Wolfram syndrome: Update of the International registry
Speaker: Tim Barret (United Kingdom)

Long-term treatment with sulfonylurea in neonatal diabetes is efficient and safe
Speaker: Pål Njølstad (Norway)

Berardinelli-Seip syndrome and other lipodystrophies: diagnosis and treatment
Speaker: Corinne Vigouroux (France)

Satellite Symposium / Workshop / Round Table
12:45 - 13:45
Auditorio 1

Satellite Symposium/Workshop
See here the detailed program of the industry
Scientific Programme

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 1: Chronic Complications
ePoster Corner 1

Chairs:
Chair: Belen Roldan

- **Diabetic eye complication screening of children in Kent, England: a multi-centre retrospective audit**
  Speaker: Peter Christian (United Kingdom)

- **Autonomic neuropathy screening in children and adolescents with type1 diabetes mellitus**
  Speaker: Kyriaki Karavanaki (Greece)

- **Joint mobility, flexibility and glycemic control in youths with type 1 diabetes mellitus**
  Speaker: Piergiorgio Francia (Italy)

- **Levels of connective tissue growth factor as an early marker of microvascular complications in type 1 diabetes mellitus**
  Speaker: Amira Adly (Egypt)

- **Adiposity and lipid intake, in addition to HbA1c levels, increase the cardiovascular risk in children and adolescents with type 1 diabetes**
  Speaker: Claudio Maffeis (Italy)

- **Glycoalbumin (GA) / HbA1c ratio as a non-glycemic predictor for complications**
  Speaker: Shin Amemiya (Japan)

Poster Tour 2: Diabetes Care
ePoster Session 2

Chairs:
Chair: Justin Warner

- **Total IgE levels are unexpectedly high in pediatric and adolescent type 1 diabetes patients**
  Speaker: Dick Mul (Netherlands)

- **Impact of telemedicine on glycemic control and family satisfaction in children and adolescents with type 1 diabetes: effects 1 year after stopping telemedicine support**
  Speaker: Purificacion Ros (Spain)

- **Glycemic variability and metabolic control measured by CGMS in a sample of type 1 diabetics**
  Speaker: Juliana Oliveira (Portugal)

- **Unexplained hypoglycaemia in an adolescent with type 1 diabetes - simple insulin overdose or abnormal insulin binding?**
  Speaker: Elizabeth Mary Bayman (United Kingdom)
Scientific Programme

**International HbA1c benchmarking in type 1 diabetes: Do we need to report between-clinic variation in addition to national average values?**
Speaker: Dimitrios Charalampopoulos (United Kingdom)

**Impact of glycemic control and diabetic complications or comorbidities on health related quality of life (HRQoL) in pediatric patients with type 1 diabetes mellitus (T1DM) and their caregivers in Spain**
Speaker: Luis Alberto Vazquez (Spain)

**Body mass at type 1 diabetes (T1D) onset - a “player” in the remission phase in children intensively treated**
Speaker: Agata Chobot (Poland)

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**Poster Tour 3: Diabetes Education**

**ePoster Corner 3**

**Chairs:**
Chair: Cynthia Muñoz (United States)

- **A picture-based carbohydrate-counting resource for Somalis**
  Speaker: Muna Sunni (United States)

- **The development of an e-learning package to support education staff with the management of type 1 diabetes**
  Speaker: Matthew G Williams (United Kingdom)

- **SPECTRUM - the worldwide first manufacturer independent education program for continuous glucose monitoring (CGM) for all age groups**
  Speaker: Martin Holder (Germany)

- **Factors associated with glycemic control in children, adolescents, and young adults diagnosed with type 1 diabetes (T1D) under 8 years of age: the global TEENs study**
  Speaker: Lori Laffel (United States)

- **Challenges in paediatric diabetic care - the effect of implementing an outpatient based new patient education programme**
  Speaker: Ruth Krone (United Kingdom)

- **Goals of diabetes education: a National UK Structured Self-Management Education Programme**
  Speaker: Helen Thornton (United Kingdom)

- **When pediatric patients with type 1 diabetes can get carbohydrate counting skills?**
  Speaker: Masakazu Hirose (Japan)
Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 4: Diabetes in Developing Countries
ePoster Corner 4

Chairs:
Chair: Andrea Gerard Gonzalez (Mexico)

Cohort analysis for glycemic control and microvascular complications of resource constrained type 1 diabetics under regular follow up: interim analysis at 2 year (CARE 1 study)
Speaker: Rishi Shukla (India)

Socio-demographic profile of children with type 1 diabetes mellitus in a newly-created children diabetes clinic in a semi-urban Cameroonian setting
Speaker: Jean Claude Njabou Katte (Cameroon)

High prevalence of vitamin D deficiency among adolescents with type 1 diabetes in Indonesia and its association with diabetic retinopathy and nephropathy
Speaker: Frida Soesanti (Indonesia)

Clinical profile of diabetes among children and adolescents at a paediatric endocrine clinic in Ghana
Speaker: Emmanuel Ameyaw (Ghana)

Knowledge assessment of type 2 Diabetes in Pakistan
Speaker: Arooj Fatima (Pakistan)

Thyroid dysfunction, celiac disease, economic impoverishment and childhood type 1 diabetes [T1DM] in India
Speaker: Rohini Manjunath (India)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 5: Diabetes Technology
ePoster Corner 5

Chairs:
Chair: Maria José Rivero (Spain)

Insulin pump therapy in children: bolus dosing accuracy of different insulin pumps
Speaker: Ralph Ziegler (Germany)

Continuous glucose monitoring (CGM) use in type 1 diabetes: an update from the T1D exchange clinic registry
Speaker: Kellee Miller (United States)

The role of professional continuous glucose monitoring in the management of type-1 diabetes by Ipro2 device at National Institute of Child Health Hospital, Karachi
Speaker: Mohsina Ibrahim (Pakistan)

How frequent are the dermatological and technical problems of continuous subcutaneous insulin infusion (CSII) and continuous glucose monitoring (CGM)?
Speaker: Maria Xatzipsalti (Greece)
Scientific Programme

Impact of continuous glucose monitoring system on therapy of cystic fibrosis related diabetes in children and young adults
Speaker: Tatjana Milenkovic (Serbia)

Providing patient-friendly data improves insulin pump adherence
Speaker: Kimberly A. Driscoll (United States)

Mean blood sugar variability versus HbA1c in monitoring effective glycaemic control
Speaker: Gomathi Margabanthu (United Kingdom)

Poster Tour 6: Diabetes Technology & New Insulins and Pharmacologic Agents

ePoster Corner 6

Chairs:
Chair: Isabel Gonzalez (Spain)

Euglycemic diabetic ketosis in an adolescent with type 1 diabetes treated with insulin and Dapaglifozin an SGLT2 inhibitor
Speaker: Rossana Roman (Chile)

Paying the price for accessing insulin
Speaker: Margaret Ewen (Netherlands)

Glycemic variability estimated with time series analyses is associated with subclinical macrovascular damage
Speaker: Leonor García Maset (Spain)

Our experience with sensor-augmented-pump therapy for children
Speaker: Gracia M. Lou Francés (Spain)

Unsupervised home use of day-and-night closed-loop insulin delivery: a pooled analysis of randomized controlled studies in adolescents with type 1 diabetes
Speaker: Martin Tauschmann (United Kingdom)

Effects of Trigonella foenum graecum and sodium orthovanadate on antioxidant enzymes, membrane bound ATPases and glucose transporter expression in muscle, kidney and brain in female diabetic rats
Speaker: Pardeep Kumar (India)

Poster Tour 7: Psychosocial Issues

ePoster Corner 7

Chairs:
Chair: Maartje de Wit (Netherlands)
Scientific Programme

Diabetogenic and cardiometabolic risk factors of health-related quality of life among Taiwanese overweight and obese adolescents
Speaker: Meng-Che Tsai (Taiwan, Republic of China)

Lower executive functioning associated with greater diabetes-specific risk-taking in adolescents with type 1 diabetes
Speaker: Rachel Wasserman (United States)

Illness Intrusiveness in parents and glycemic control in youth with type 1 diabetes: intergenerational processes
Speaker: Sofie Prikken (Belgium)

Body emotional map: an innovative and useful tool to improve parents’ adaptation to the diagnosis of type 1 diabetes of their child
Speaker: Barbara Predieri (Italy)

Parent-reported perceptions of educational opportunities to alleviate burden associated with the management of type 1 diabetes (T1D) in children &LT; 8 years old
Speaker: Persis Commissariat (United States)

Mood and anxiety disorders in adolescents with type 1 diabetes and their parents/caregivers: first results from the baseline assessment of the longitudinal diabetes LEAP study
Speaker: Linh Nguyen (Netherlands)

Diabetes-specific emotional distress in parents of teenagers with type 1 diabetes
Speaker: Jill Weissberg-Benchell (United States)

Executive problems in adolescents with type 1 diabetes are associated with poor metabolic control and low physical activity
Speaker: Charlotte Nylander (Sweden)

Poster Tour 8: Latebreakers : Monogenic Diabetes, Genetics and Immunology

ePoster Corner 8

Chairs:
Chair: Itxaso Rica (Spain)

Temporal dynamics of serum let-7g expression show its involvement in the decline of residual beta cell function
Speaker: Wojciech Fendler (Poland)

Identification of a novel INS-gene missense variant p.G71V in three generations with diabetes
Speaker: Peter Christian (United Kingdom)

Serum levels of lysophosphatidic acid are strongly elevated in patients with HNF1B-MODY
Speaker: Wojciech Fendler (Poland)

Next-generation sequencing-based screening of monogenic mutations in 43 Japanese children clinically diagnosed with type 1B diabetes
Speaker: Kikumi Ushijima (Japan)
Late atypical IPEX syndrome diagnosis in a 26-year male with neonatal diabetes
Speaker: Aline Dantas Costa Riquetto (Brazil)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

ePoster session
Available to view as ePoster and/or printed poster

- Diabetes and paramyotonia congenita: previously unreported clinical association?
  Speaker: Ana Antunes (Portugal)

- Difficulties in therapy titration in a patient with type 1 diabetes mellitus and Addison disease

- Influence of simple obesity on respiratory disorders in children

- Type 1 diabetes and epilepsy: the role of GADA

- Effect of serotonin modulating pharmacotherapies on Body Mass Index and dysglycaemia among children and adolescents: systematic review and network meta analysis

- The importance of liver ultrasound scores in nonalcoholic fatty liver disease in Egyptian obese children and adolescent

- Prevalence of celiac disease in a children group with type 1 diabetes

- Precocious puberty in a boy with type 1 diabetes mellitus, hypothalamic teratoma, right forearm hypoplasia, carrier of galactosemia

- The prevalence of celiac disease in patients with type 1 diabetes - assessment of the 3-year prospective study
  Speaker: Marta Wysocka-Mincewicz (Poland)

- Wolcott-Rallison syndrome (WRS) first case report in Pakistan

- Prevalence of celiac disease in type 1 diabetes mellitus in children and adolescents attending diabetic clinic at National Institute of Child Health

- Metabolic disorders, prediabetes and thyroid dysfunction in Belarusian children

- Autoimmune hepatitis in a boy with newly-diagnosed type 1 diabetes

- Challenges in the diagnosis of hypoglycemia: Hirata disease vs. factitious hypoglycemia

- Improving screening for celiac disease in patients with new-onset type 1 diabetes

- Mammary status in adolescent girls with diabetes mellitus I (a cases history)

- Necrobiosis lipoidica diabeticorum: a case report

- Acute sinus vein thrombosis as a complication of diabetic ketoacidosis in a pediatric patient with first manifestation of type 1 diabetes mellitus

- Events of severe hypoglycemia is associated with a progressive increase in hemoglobin A1c among children with type 1 diabetes - a study from the Danish Childhood Diabetes Registry

- HbA1c levels at diagnosis of type 1 diabetes are related to age and to degree of ketoacidosis
Scientific Programme

Hospital experience in the management of pediatric diabetic ketoacidosis: retrospective study (2000-2015)

Risk factors for cerebral edema in children and adolescents with diabetic ketoacidosis

Acute decompensations of T1DM children in the emergency unit

Risk factors for severe hypoglycemia in children and adolescents with type 1 diabetes

High incidence of diabetic ketoacidosis at diagnosis of type 1 diabetes among Polish children aged 10-12 and up to 5 years of age: a multicenter study

 Extremely severe ketoacidosis with multiple organ failure at onset of diabetes type 1 in 17-month girl - a case report

Management and outcomes in paediatric ketoacidosis - West Midlands experience

Sever hypertrigliceridemia in the course of ketoacidosis in a patient with newly diagnosed type 1 diabetes mellitus

Identifying barriers to the timely diagnosis of type 1 diabetes in young people in the primary care (community) setting
Speaker: Carlo Acerini (United Kingdom)

GAD autoantibodies long after clinical onset in T1D: search for heterogeneity and better classification

Emergency advice for families of children with diabetes - the story of a helpline

Variations in the relationship between glucose and HbA1c may contribute to clinic and country differences in HbA1c

Findings from a pre-clinic questionnaire given prior consultation at an NHS paediatric diabetes outpatient service in England - the patient's perspective: a survey of patient/carer experience of a paediatric diabetes outpatient service
Speaker: Chibuzor Ihe (United Kingdom)

Variation in 24 hour basal insulin requirements with age in children and young people (CYP) with type 1 diabetes mellitus (T1DM)

Insulin-induced insulin resistance in a 12 year old boy with Leukemia on steroid therapy: continuous glucose monitoring system can have a role

Kindergarten diabetes care for the toddlers with type 1 diabetes (T1D) according to parents views

Identifying the barriers to effective diabetes ‘transitional care’. A qualitative study of patient satisfaction and experiences of transition
Speaker: Carlo Acerini (United Kingdom)

High remission rate in children with type1 diabetes in Sweden but minor differences in age

Clinical characteristics of slowly progressive autoimmune diabetes mellitus of youth in a single center

Towards a personalised care of T1DM in a non-profit organisation, T1 Diams, in Mauritius

Diabetes education and regular self-monitoring of blood glucose in the management of people with type 1 diabetes

Transient extreme insulin resistance in childhood onset diabetes mellitus type 1 presenting with severe diabetic ketoacidosis, hyperlipidemia and acute pancreatitis

Page 9 / 56
Scientific Programme

Second national examination of HbA1c in Bulgarian children with type 1 diabetes mellitus: an impact of education and social status

Our experience of using sensor augmented pump

Comparison of diabetes management outcomes in under 5s in 2 UK diabetes centres

Clinical experience of insulin degludec for better type 1 diabetes control in Lithuanian paediatric patients

Patients commenced on insulin pump therapy despite failing to meet NICE criteria show improvements in diabetes management - a pilot study

Diabetes care and prevention by VNOW fitness device technology

Longitudinal observation of clinical course of type 1 diabetes (T1DM)
Speaker: Barbara Głowińska-Olszewska (Poland)

Comparison of blood sugar outcome between two groups of young diabetics attending annual diabetic camps (2014 v/s 2015) in Mauritius

Optimizing annual urine microalbumin screening for type 1 diabetes mellitus patients in diabetes clinic

Basal insulin rate in insulin pump T1DM treated pediatric patients - seeking for optimal

An audit of the success of the 'Four Stage Plan' admission in adolescents with type 1 diabetes (T1DM) in reducing HbA1c and future hospital admissions with DKA or severe hypoglycaemic episodes

Does singing improve glycaemic control?

Reasons for insulin pump discontinuation

Evolution of body mass index in children with type 1 diabetes mellitus

A collection of case studies: Investigating the efficacy of a psychological intervention designed to promote higher levels of self-esteem within adolescents exhibiting poor diabetes self-management

Visceral fat and fatty liver could predict subclinical atherosclerosis in lean adolescents with Type1 diabetes

Neutrophile to lymphocyte ratio in children and adolescents with type 1 diabetes

Evaluation of serum cystatin C in type 1 diabetic children and adolescents as an early indicator of diabetic nephropathy

Prevalence and risk factors for microalbuminuria in children and adolescents with type 1 diabetes: long-term experience of a single centre

To study the prevalence of musculoskeletal abnormalities in type 1 diabetes patients

Blood pressure regulation determined by ambulatory blood pressure profiles in children and adolescents with type 1 diabetes mellitus: impact on diabetic complications

The use of urinary C-peptide as a marker of beta cell function in children and adolescents with type 1 diabetes

Predictors of renal complications in pediatric patients with type 1 diabetes mellitus: a prospective cohort study

Diabetic cardiomyopathy is associated with endothelial dysfunction in children and adolescents with type1 diabetes mellitus (T1DM)
BMI before disease onset is an important determinant of adult overweight or obesity in young adults with type 1 diabetes

Incidence of lipoatrophy associated with rapid-acting insulin analogs in children with type 1 diabetes mellitus

Overweight, obesity and metabolic syndrome in T1D paediatric patients

Perceived efficacy of the ISPAD science school for physicians on fellows' career development, scientific expertise, networking and social opportunities: the JENIOUS+ evaluation survey

Changes in insulin dose and diabetes knowledge during a diabetes camp for patients with type 1 diabetes

Trial of diabetes education for staff of Japanese schools with a low incidence of type 1 diabetes

SPECTRUM CGM education programme: psychological elements of pediatric modules

Diabetes care at your doorstep - DAUD: an educative support

Epidemiological data of type 1 diabetes mellitus in children in Uzbekistan, 1998-2014

Advance in insulin therapy of Japanese pediatric and adolescent type 1 diabetes: the cohorts of the childhood-onset type 1 diabetic patients in Japanese study group of insulin therapy for childhood and adolescent diabetes (JSGIT)

Update of trends in childhood type 1 diabetes in Germany

The onset age of type 1 diabetes in Polish children from Wielkopolska province has become younger

Characteristics of type 1 diabetic patients attending a winter diabetic camp in Mauritius

Association of rs7093069- IL2RA and rs7647305- SFRS10 polymorphisms with diabetes type 1 in children

Higher C-peptide, higher neutrophil and lower natural killer peripheral counts at type 1 diabetes onset - biomarkers for a longer remission phase?

Waxing and waning autoimmune measures: are autoantibodies a useful measure two years after diabetes diagnosis?

Correlation among whole genome methylation status and line-1 expression in various age group of diabetic rat brain

Clinical profile and outcome of children with diabetic ketoacidosis: type 1 diabetes mellitus a real challenge for low income Nation

Clinical profile and outcome of Type 1 diabetes mellitus in tertiary care centre of Eastern Nepal

Maximising diabetes care in resource poor setting

60 hours hybrid-closed-loop (HCL) in everyday life: the DREAM5-study

Virtual pump clinic toward diabetes home care model for children and their families

Speaker: Gomathi Margabanthu (United Kingdom)

CGM-based treatment decisions with the Dexcom G5 Mobile CGM System is safe and effective for both adult and pediatric type 1 patients
Safe hypoglycaemia prevention in children with type 1 diabetes by using SmartGuard™ algorithm in sensor-augmented pump therapy: post suspension glycaemic control depends on users behaviour

Physical activity (PA) in youth with type 1 diabetes (T1D): variable impact on metabolic outcomes

The timing of blood glucose monitoring or urinalysis may lead to under reporting of hyperglycaemia and the prevalence of transient diabetes in childhood acute lymphoblastic leukaemia

Two novel cases of permanent neonatal diabetes mellitus caused by homozygous mutations in the glucokinase gene

Kearns-Sayre syndrome with co-occurring insulin-dependent diabetes mellitus in the 10-year-old girl: a case report

Rare genetic conditions related to diabetes in low income country: is there a solution?

Successful sulfonylurea treatment in three patients with neonatal diabetes mellitus associated with novel inherited ABCC8 mutations

Clinical characteristics and therapeutic issues in two sisters with Berardinelli-Seip syndrome

Glicemic control in patients with Cushing syndrome - comparison to age and BMI matched healthy controls

Neonatal insulin pump patients - diagnostic, practical and safety aspects of using insulin pumps and continous glucose monitoring in a clinical series of eight cases of neonatal diabetes

Sodium pyruvate treatment improved endogenous insulin secretion in a patient with mitochondrial diabetes

The importance of awaring monogenic diabetes in Chinese pediatric population - a case series

Hyperglycaemia and metabolic syndrome: not always synonymous of T2D

Novel glucokinase mutation in a boy with MODY 2 followed by continuous glucose monitoring

Dapagliflozin lowers insulin-requirement by increasing urinary glucose excretion effectively in adolescents and young adults with type 1 diabetes

Effect of metformin on endothelial function in overweight adolescents with type 1 diabetes (T1D)

Prevalence of anemia in type I Indian diabetics

Medium-term effect of a process of nutritional education on metabolic control in adolescents with type 1 diabetes

The longitudinal relationship between parental well-being and adolescents’ glycemic control

Illness identity in youth with type 1 diabetes: a person-centered approach

High prevalence of disordered eating behavior in adolescents with type 1 diabetes in a central region of Italy

Health related quality of life and glycaemic control of children with type 1 diabetes mellitus in Ireland
Quality of life, psychological functioning and positive affect in children and adolescents with type 1 diabetes

Maternal anxiety, stress, worries and depression in the context of their child’s type 1 diabetes (T1D): association with child outcomes and the moderating role of maternal emotion regulation

Sexual behaviors and knowledge in Greek teenagers with type 1 diabetes mellitus (T1DM)

Health related quality of life and psychosocial risk in children with type 1 diabetes in Ireland

Diabetes strengths profiles: a characterization of what is going well for adolescents with type 1 diabetes (T1D)

Understanding the relationship between anxiety and blood glucose management in children with type 1 diabetes

Evaluating the impact of the diagnosis and management of a child with type 1 diabetes on parents

Psychological status of urban T1DM adolescents (Delhi, India)

Family caregivers of pediatric patients with type 1 diabetes mellitus: keys for their well-being

Prevalence of disturbed eating behavior in Dutch adolescents with type 1 diabetes: 1 year follow up

Chronicity of type 1 diabetes mellitus in youths and quality of life and psychopathology: an interplay?

Speaker: Ioannis Kyrgios (Greece)

The implementation of a specific validated semi-structured questionnaire assessing self-care in children and adolescents with type 1 diabetes

Speaker: Ioannis Kyrgios (Greece)

Psychosocial profile, glycemic control and well being in poverty associated type 1 diabetes mellitus [T1DM] adolescents in India

Family Factors and metabolic control in ethnic minority youth with type 1 diabetes

Screening for depression in adolescents with diabetes by medical social workers: a quality improvement initiative

Type 1 diabetes mellitus in pediatric patients: keys to their well-being and adjustment to disease

Experience of pressure in informal caregiving in parent(s)/caregiver(s) of a child with T1DM. It takes a village to raise a child'

The mental health of adolescents with type1 diabetes: associations with HbA1c

Provider attitudes: the impact of the implementation of a pediatric T1DM transition program

Assessment of the efficacy of a psychological intervention aiming at improving the quality of life in patients with diabetes mellitus type 1 and their families

Hypergonadotropic hypogonadism in 2 siblings with DIDMOAD (Wolfram Syndrome - WFS) syndrome and its associations

Psychosocial need survey - adolescent outpatient diabetes clinic
Health related quality of life of Egyptian children and adolescents with type 1 diabetes

STAND-support through art and networking for diabetes parent support group. The opinions of the parents pre and post group

Whose diabetes is it anyway? Exploring the transfer of diabetes care responsibility from parents to children with type 1 diabetes: a study protocol

Poster Tour
14:00 - 15:00

**Poster Tour 9: President's Choice**

**Media Corner**

**Chairs:**
Chair: Johnny Ludvigsson (Sweden)

- **Insulin requirements and the factors contributing to insulin dose adjustment during the first year of type 1 diabetes duration in children treated with insulin pump**
  Speaker: Katarzyna Piechowiak (Poland)

- **BMI change during the course of type 1 diabetes is modified by the level of diabetes control - data from the Swedish national quality register SWEDIABKIDS**
  Speaker: Auste Pundziute Lyckå (Sweden)

- **Seasonality of birth and first diagnosis dates of children and adolescents with type 1 diabetes mellitus in a large diabetes center during the last 16 years**
  Speaker: Ioannis-Anargyros Vasilakis (Greece)

- **Ketoacidosis at diabetes onset in the last two decades in Germany and Austria - a multicenter analysis and binational comparison with 35,817 patients**
  Speaker: Katrin Nagl (Austria)

- **Risk of recurrent severe hypoglycemia or hypoglycemic coma remains associated with a past history of severe hypoglycemia even up to 4 years in a large prospective contemporary pediatric cohort: results from DPV initiative**
  Speaker: Danielle Pacaud (Canada)

- **Influenza A cerebellitis in Wolcott-Rallison syndrome: more than bad luck?**
  Speaker: Krisitna Casteels (Belgium)

- **Neonatal diabetes: story of collaboration**
  Speaker: Khadija Nuzhat Humayun (Pakistan)

Oral Session
15:00 - 16:30

**Oral Session I - Diabetes Technologies**

**Chairs:**
Chair: Ramiro Antuña DeAlaiz (Spain)
Chair: Ragnar Hanas (Sweden)
Scientific Programme

CGM in healthy children aged 2-8 years
Speaker: Frida Sundberg (Sweden)

Overnight glucose control during and after physical activity with closed-loop system GlucoSitterTM in youth with type 1 diabetes
Speaker: Maddalena Macedoni (Italy)

At-home and hotel use of a hybrid closed-loop (HCL) system in a pivotal trial
Speaker: Francine Kaufman (United States)

Pivotal trial of a hybrid closed-loop system in adults and adolescents with type 1 diabetes
Speaker: Stuart Weinzimer (United States)

Assessing the impact of insulin pump therapy on behaviour, mood, cognition and glycaemia in youth with type 1 diabetes - a randomised controlled trial
Speaker: Michele A O'Connell (Australia)

Flash glucose monitoring in type 1 and type 2 diabetes patients - the first Indian experience of libre pro
Speaker: Manoj Chawla (India)

Behavioral supports for parents of very young children with type 1 diabetes (T1D) using continuous glucose monitoring (CGM)
Speaker: Korey K. Hood (United States)

Introduction of personal insulin pump 640G therapy with SmartGuard technology reduces the negative impact of diabetes on life comfort of patients with type 1 diabetes
Speaker: Wladyslaw B Gawel (Poland)

Oral Session III - Education and Psychosocial Issues (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Bärbel Aschemeier (Germany)
Chair: Elizabeth Davis (Australia)

Empowering children and young people (CYP) with diabetes - SEREN, a new structured education programme in Wales, UK.
Speaker: Judith Reed-Screen (United Kingdom)

How is diabetes training for persons taking care of children with type 1 diabetes in kindergarten and school delivered and funded? Results from a survey in Germany
Speaker: Thomas Kapellen (Germany)
Scientific Programme

Individual quality of life in parents of youth with type 1-diabetes: exploration of life domains in a context of Chilean rural area
Speaker: Julie Pelicand (Chile)

New finding-PSEUDOHYPOGLYCEMIA
Speaker: Banshi Saboo (India)

Association between hypothalamus-pituitary adrenal axis activity and anxiety in prepubertal children with type 1 diabetes
Speaker: Pascal Barat (France)

Does sleep matter? Associations between child sleep, glycemic control and parental wellbeing in the T1D Exchange Clinic Registry
Speaker: Sarah Jaser (United States)

Psychological flexibility in adolescents with type 1 diabetes
Speaker: Jolien Laridaen (Belgium)

The challenge of transition: adolescent and parent attitudes towards transition and adolescent diabetes services
Speaker: Vincent Mc Darby (Ireland)

Oral Session
15:00 - 16:30
Auditorio 3

Oral Session II - Diabetes Epidemiology

Chairs:
Chair: Marian Rewers (United States)
Chair: Ilse Weets

Maternal obesity as a risk factor for early childhood type 1 diabetes - a nationwide prospective population based study
Speaker: Ulf Samuelsson (Sweden)

Incidence trends for childhood type 1 diabetes during 1989-2013 in 24 European registries participating in the EURODIAB study
Speaker: Chris Patterson (United Kingdom)

Risk factors for premature mortality in subjects with childhood-onset type 1 diabetes: data from the population-based Brecon Cohort in Wales, UK between 1979 & 2015
Speaker: Diana Wasag (United Kingdom)

Excess mortality in young persons with type 1 diabetes in Sweden
Speaker: John Nilsson (Sweden)

Prediction of type 1 diabetes using a genetic risk model in the diabetes autoimmunity study in the young (DAISY)
Speaker: Brigitte Frohnert (United States)

Epidemiological trends of youth-onset type 2 diabetes in British Columbia, Canada
Speaker: Shazhan Amed (Canada)
Scientific Programme

Premature deaths from ischaemic heart disease in childhood and young adult onset type 1 diabetes
Speaker: Trina C Evans-Cheung (United Kingdom)

End-stage renal disease in patients with childhood-onset type 1 diabetes diagnosed during 1973-2012
Speaker: Vibeke Gagnum (Norway)

Opening & Closing Sessions
17:00 - 18:00
Auditorio 1

Opening Ceremony
Thursday, 27 October 2016

**Satellite Symposium / Workshop / Round Table**
07:45 - 08:45
Auditorio 2

**Satellite Symposium/Workshop**
See [here](#) the detailed program of the industry

**CdiC Satellite Symposium**
See [here](#) the detailed program of the industry

**Workshop**

**Plenary Session**
09:00 - 10:30
Auditorio 1

**Plenary session II, Type 2 Diabetes: Prediction, Prevention and treatment**

**Chairs:**
Chair: Przemyslawa Jarosz-Chobot (Poland)
Chair: Ethel Codner (Chile)

- **Prediction of future Type 2 Diabetes: Genetics and Metabolic Biomarkers**
  Speaker: José C Florez (United States)
  09:00 - 09:30
- **Treatment option - when and how: metformin, insulin and what else?**
  Speaker: Megan Kelsey (United States)
  09:30 - 10:00
- **Respect and moral responsibility of the obese person predisposing to diabetes**
  Speaker: Inez de Beaufort (Netherlands)
  10:00 - 10:30

**Oral Session**
11:00 - 12:30
Auditorio 1

**Oral Session IV - Diabetes Chronic Complications and Associated Diseases**

**Chairs:**
Chair: Antoinette Moran (United States)
Chair: Reinhard Holl (Germany)
Scientific Programme

Fas and Fas ligand expression in children and adolescents with type 1 diabetes mellitus
Speaker: Mona Salem (Egypt)

Circulating angiopoietin-2 levels in young patients with type 1 diabetes mellitus: a link between inflammation, micro-vascular complications and subclinical atherosclerosis
Speaker: Nancy Elbarbary (Egypt)

Achieving clinical guideline goals is associated with better insulin sensitivity (IS) and cardiopulmonary health in youth with type 1 diabetes (T1D)
Speaker: Petter Bjornstad (United States)

Prevalence of subclinical entheseal involvement in children and adolescents with type 1 diabetes: a case-control study
Speaker: Andrea Scaramuzza (Italy)

Celiac disease in 52,721 youth with type 1 diabetes: ethnicity is not associated with glycaemic control nor therapy
Speaker: Maria Craig (Australia)

Celiac disease screening in asymptomatic type 1 diabetes mellitus patients across North America and Europe
Speaker: Diane Rottembourg (Canada)

Inflammatory bowel disease in children and adolescents with type 1 diabetes: a multicenter analysis from the German-Austrian DPV database
Speaker: Hildegard Jasser-Nitsche (Austria)

Liver stiffness by transient elastography as a non-invasive tool for detection of hepatopathy-induced fibrosis in pediatric patients with type 1 diabetes
Speaker: Nancy Elbarbary (Egypt)

Practical/Meeting Professor
11:00 - 11:45
Auditorio 2

Meet the Expert 1, Dealing with taste preferences and satiety (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Carmel Smart (Australia)
Oral Session
11:00 - 12:30
Auditorio 3

Oral Session V: Diabetes Genetics, Immunology and Environmental and Monogenic diabetes

Chairs:
Chair: Ralph Ziegler (Germany)
Chair: Dorothy Becker (United States)

- **DIAGNODE: autoantigen (GAD-alum) given into lymph-nodes together with oral vitamin D to preserve beta cell function in Type 1 diabetes. A pilot trial**
  Speaker: Johnny Ludvigsson (Sweden)

- **Detection of a viral footprint in the pancreatic islets of newly diagnosed T1D patients: results from the DiViD study**
  Speaker: Lars Krogvold (Norway)

- **Increased prevalence of type 1 diabetes among patients with 18q deletion syndrome may be associated with a deficit in T regulatory cells**
  Speaker: Anna Hogendorf (Poland)

- **The microbiome in children with islet autoimmunity: bacteriome profiling and virome sequencing in stool samples from Finnish DIPP study**
  Speaker: Ondrej Cinek (Czech Republic)

- **Early childhood infections precede development of β-cell autoimmunity and T1D in children with HLA-conferred disease risk**
  Speaker: Neea Mustonen (Finland)

- **Early successful hematopoietic cell transplantation (HSCT) in a boy with IPEX syndrome caused by novel c.721T>C FOXP3 mutation**
  Speaker: Barbora Obermannova (Czech Republic)

- **Binational Swiss-Lithuanian study “genetic diabetes in Lithuania”**
  Speaker: Ingrida Stankute (Lithuania)

- **Glucokinase mutations in pediatric patients with impaired fasting glucose**
  Speaker: Giuseppe d'Annunzio (Italy)

Practical/Meeting Professor
11:45 - 12:30
Auditorio 2

Meet the Expert 2, Eating disorders in girls with type 1 DM (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Patricia Colton (Canada)
Scientific Programme

Satellite Symposium / Workshop / Round Table
12:45 - 14:00
Auditorio 2

Satellite Symposium/Workshop
See here the detailed program of the industry

Satellite Symposium / Workshop / Round Table
12:45 - 13:45
Meeting Room 1+2

Workshop

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 10: Chronic & Acute Complications
ePoster Corner 1

Chairs:
Chair: Isabel Leiva (Spain)

Only one identified patient with persisting simple retinopathy in childhood T1D - is screening indicated in Denmark from the age of 12 years?
Speaker: Birthe Olsen (Denmark)

Skin-advanced glycation end products and arterial stiffness in children with type 1 diabetes
Speaker: Willie Bakker-van Waarde (Netherlands)

Antecedents of diabetic ketoacidosis with new onset type one diabetes from a regional paediatric diabetes centre: Auckland, New Zealand 2010 to 2014
Speaker: Craig Jefferies (New Zealand)

Managing hypoglycemia during fasting in Ramadan - scoping review of the evidence based perspectives in type 1 diabetics (MYRIAD)
Speaker: Msa Siddiqui (India)

Can functional and postural alterations affect young subjects with type 1 diabetes mellitus?
Speaker: Piergiorgio Francia (Italy)

High prevalence of hypertension in children and adolescents with type 1 diabetes identified through the 24 hours ambulatory blood pressure monitoring
Speaker: Lorenzo Iughetti (Italy)

Severe hypoglycemia rate is not associated with better glycemic control in children with type 1 diabetes- an observational cohort study
Speaker: Morgane Grandemange (France)

Audit of pediatric ketoacidosis (DKA) in Sweden: pump use and health contacts before admission
Speaker: Johan H Wersäll (Sweden)
Scientific Programme

Poster Tour
14:00 - 15:00

Poster Tour 11: Diabetes Care

ePoster Corner 2

Chairs:
Chair: Abdul Moodambail (United Kingdom)

Longitudinal trajectories of metabolic control from childhood to young adulthood in type 1 diabetes from a large German/Austria registry: a group-based approach
Speaker: Anke Schwandt (Germany)

When to start carbohydrate counting? A retrospective case-control study
Speaker: Nadira Bibi Mothojakan (United Kingdom)

Impact of continuous glucose monitoring systems on metabolic control and glycemic variability in well controlled diabetes
Speaker: Damla Goksen (Turkey)

Sexual lifestyle among young adults with type 1 diabetes
Speaker: Orit Pinhas-Hamiel (Israel)

An individual health care plan (IHCP) for a child or young person in an education setting who has diabetes within the children and young people’s North West diabetes network (CYPNWDN) culminating in a national individual health care plan
Speaker: Dawn Anderson (United Kingdom)

Technology downloads: families friend or foe?
Speaker: Tracey Stephenson (United Kingdom)

Effect of basal insulin on glycosylated haemoglobin in children and young people (CYP) with type 1 diabetes mellitus (T1DM)
Speaker: Jennifer Pichierri (United Kingdom)

High remission rate in children with type1 diabetes in Sweden and association with lower HbA1c at diagnosis
Speaker: Ulf Söderström (Sweden)

Poster Tour
14:00 - 15:00

Poster Tour 12: Diabetes Epidemiology

ePoster Corner 3

Chairs:
Chair: Yeray Novoa (Spain)

Study of type 1 diabetes onsets for the last 4 years in a major hospital
Speaker: Gracia M. Lou Francés (Spain)

IDF Life for Child six-country epidemiology study - preliminary results from Azerbaijan, Bangladesh, Mali and Pakistan
Speaker: Graham David Ogle (Australia)
Scientific Programme

Do lifestyle habits influence the development of the metabolically healthy obese phenotype in youth?
Speaker: Melanie Henderson (Canada)

Epidemiological characteristics of newly diagnosed children with type 1 diabetes in a single diabetes center during the last 16 years
Speaker: Ioanna Kosteria (Greece)

Partial remission and predictive factors in a cohort of 117 children and adolescent with T1DM
Speaker: Amel Zennaki (Algeria)

Clinical and epidemiological characteristics of pediatric population diagnosed of type 1 diabetes mellitus. 20 years of evolution in a region of northern Spain
Speaker: Maria Laura Bertholt Zuber (Spain)

Diabetes mellitus type 1 in pediatric patients with African background in Germany, Austria and Luxembourg: analysis based on the DPV registry
Speaker: Katja Konrad (Germany)

Seasonal variation of type 1 diabetes mellitus diagnosis in Polish children - a multicentre study
Speaker: Agnieszka Szypowska (Poland)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 13: Genetics, Immunology and the Environment
ePoster Corner 4

Chairs:
Chair: Takahashi Kazuma

Effect of screening for islet autoantibodies on diabetic ketoacidosis at diagnosis of type 1 diabetes in children
Speaker: Arleta Rewers (United States)

Nucleotide substitutions in CD101, the human homolog of diabetes susceptibility gene in non-obese diabetic mouse, in patients with type 1 diabetes mellitus
Speaker: Misako Okuno (Japan)

Vitamin D status and vitamin D receptor gene polymorphisms and susceptibility to type 1 diabetes in Korean population
Speaker: Chong Kun Cheon (Korea, Republic of)

Diabetic ketoacidosis at onset of type 1 diabetes in children: role of demographic, clinical and biochemical features along with genetic and immunological markers as risk factors. A twenty-year experience in a tertiary Belgian centre
Speaker: Alfredo Vicinanza (Belgium)

The prevalence ZnT8 antibodies and clinical features in 1022 Japanese patients with childhood and adolescent onset type 1 diabetes
Speaker: Tomoyuki Kawamura (Japan)
Analysis of chosen polymorphisms rs2476601 A/G - PTPN22, rs20541 A/G - IL13, rs29941 A/G - KCTD15 in pathogenesis of type 1 diabetes in children
Speaker: Artur Bossowski (Poland)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 14: Monogenic Diabetes
ePoster Corner 5

Chairs:
Chair: Khadiga Eltonbary (Egypt)

Onset of type 2 diabetes in a toddler?
Speaker: Alex Moretti (Italy)

The case of lipoatrophic diabetes in eleven year old girl
Speaker: Galina Svetlova (Russian Federation)

Impact of insulin therapy on body mass index and pulmonary function in patients with cystic fibrosis-related diabetes mellitus in a non-Caucasian population
Speaker: Luis Eduardo Calliari (Brazil)

The Wolfram-like syndrome: a case report
Speaker: Petra Koncena (Czech Republic)

Continuous monitoring system evaluation for the diagnosis of carbohydrate metabolism in cystic fibrosis (CF) patients
Speaker: Maria Clemente (Spain)

CFRD clinical care: experience of Diabetology Unit and Tuscany Regional Centre for Cystic Fibrosis of Meyer Children's Hospital
Speaker: Barbara Piccini (Italy)

Dapagliflozin in a girl with Rabson-Mendenhall syndrome, RMS
Speaker: Gun Forsander (Sweden)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 15: Nutrition, Exercise & Epidemiology
ePoster Corner 6

Chairs:
Chair: Victoria Borras (Spain)

Assessment of nutritional knowledge of Greek patients with type 1 diabetes and their parents
Speaker: Meropi Dimitriadou (Greece)

Association between insulin-like growth factor-I (IGF-I) and IGF-binding protein-1 (IGFBP-1) axis and glucose intolerance in children
Influence of physical activity on metabolic control, body composition and cardiovascular system in children and adolescent with T1DM  
Speaker: Adolfo Trettene (Italy)

Indian Diabetes Risk Score (IDRS) for type 2 diabetes mellitus screening in young adults: effect of yoga and meditation  
Speaker: Vinod Sharma (India)

An audit of dietary intake of Australian children with diabetes attending the Royal Children’s Hospital, Melbourne  
Speaker: Heather Gilbertson (Australia)

Eating behaviour patterns in Polish and Italian children with type 1 diabetes mellitus  
Speaker: Elzbieta Niechcial (Poland)

High proportion of type 2 diabetes among newly diagnosed children and adolescents in La Reunion Island, a French oversea territory  
Speaker: Elise Bismuth (Reunion)

Type 2 diabetes in Bangladeshi children and adolescents - an emerging problem  
Speaker: Bedowra Zabeen (Bangladesh)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

**Poster Tour 16: Psychosocial Issues**

ePoster Corner 7

**Chairs:**  
Chair: Karin Lange (Germany)

- Involving parents of young children in designing and delivering a supportive intervention at new diagnosis of type 1 diabetes (T1D)  
  Speaker: Marisa Hilliard (United States)

- Fear of hypoglycemia in parents of children with type 1 diabetes: results from diabetes MILES - Youth - The Netherlands  
  Speaker: Jori Aalders (Netherlands)

- Longitudinal association between quality of life and HbA1c  
  Speaker: Anna Stahl-Pehe (Germany)

- Validation of a diabetes self-care measure for parents of children with type 1 diabetes  
  Speaker: Meredyth Evans (United States)

- Differences in perception of a child eating behaviours in parents of overweight children with type 1 diabetes - a pilot study  
  Speaker: Beata Zduńczyk (Poland)

- Implementation of patient reported outcomes through quality improvement methods to enhance pediatric diabetes care  
  Speaker: Sarah Corathers (United States)
Scientific Programme

Adapting to type 1 diabetes in very young children: a crowdsourcing method for characterizing parents’ perspectives
Speaker: Tim Wysocki (United States)

Drug use among adolescents with diabetes. A literature search and pilot study
Speaker: Kete Ramaker (Netherlands)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 17: Latebreakers: Psychosocial Issues and Diabetes Technology

ePoster Corner 8

Chairs:
Chair: Laurent Legault (Canada)

Pharmacokinetics (PK), Pharmacodynamics (PD), and safety following single or repeated 3 mg doses of nasal glucagon (NG) in adults with type 1 or type 2 diabetes (T1D or T2D)
Speaker: Michelle Xiaotian Zhang (Canada)

Nasal glucagon (NG) for the treatment of moderate to severe hypoglycemia (hypo) episodes in children and adolescents with type 1 diabetes (T1D) in home or school settings
Speaker: Larry C. Deeb (United States)

Evaluation of the Freestyle Libre Flash glucose monitoring system in children and adolescents with type 1 diabetes
Speaker: Guy Massa (Belgium)

Check it! Positive psychology intervention improve quality of life and adherence in adolescents with type 1 diabetes
Speaker: Sarah Jaser (United States)

Deveopment of the support through art and networking in diabetes (STAND) programme: a psychological intervention for Adolescents with type 1 diabetes
Speaker: Claire Crowe (Ireland)

Treatment adherence in children with type 1 diabetes: the role of patient and parental executive functioning
Speaker: Eveline Goethals (Belgium)

Initial experiences and learnings from the unique “first country in the world - India” novel libre pro continuous glucose monitoring [CGM] system: plea for approval in pediatric diabetes
Speaker: Rohini Manjunath (India)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

ePoster session

Available to view as ePoster and/or printed poster

Diabetes and paramyotonia congenita: previously unreported clinical association?

Page 26 / 56
Scientific Programme

Difficulties in therapy titration in a patient with type 1 diabetes mellitus and Addison disease

Influence of simple obesity on respiratory disorders in children

Type 1 diabetes and epilepsy: the role of GADA

Effect of serotonin modulating pharmacotherapies on Body Mass Index and dysglycaemia among children and adolescents: systematic review and network meta analysis

The importance of liver ultrasound scores in nonalcoholic fatty liver disease in Egyptian obese children and adolescent

Prevalence of celiac disease in a children group with type I diabetes

Precocious puberty in a boy with type 1 diabetes mellitus, hypothalamic teratoma, right forearam hypoplasia, carrier of galactosemia

The prevalence of celiac disease in patients with type 1 diabetes - assessment of the 3-year prospective study

Wolcott-Rallison syndrome (WRS) first case report in Pakistan

Prevalence of celiac disease in type 1 diabetes mellitus in children and adolescents attending diabetic clinic at National Institute of Child Health

Metabolic disorders, prediabetes and thyroid dysfunction in Belarusian children

Autoimmune hepatitis in a boy with newly-diagnosed type 1 diabetes

Challenges in the diagnosis of hypoglycemia: Hirata disease vs. factitious hypoglycemia

Improving screening for celiac disease in patients with new-onset type 1 diabetes

Mammary status in adolescent girls with diabetes mellitus I (a cases history)

Necrobiosis lipoidica diabetcorum: a case report

Acute sinus vein thrombosis as a complication of diabetic ketoacidosis in a pediatric patient with first manifestation of type 1 diabetes mellitus

Events of severe hypoglycemia is associated with a progressive increase in hemoglobin A1c among children with type 1 diabetes - a study from the Danish Childhood Diabetes Registry

HbA1c levels at diagnosis of type 1 diabetes are related to age and to degree of ketoacidosis

Hospital experience in the management of pediatric diabetic ketoacidosis: retrospective study (2000-2015)

Risk factors for cerebral edema in children and adolescents with diabetic ketoacidosis

Acute decompensations of T1DM children in the emergency unit

Risk factors for severe hypoglycemia in children and adolescents with type 1 diabetes

High incidence of diabetic ketoacidosis at diagnosis of type 1 diabetes among Polish children aged 10-12 and up to 5 years of age: a multicenter study

Extremely severe ketoacidosis with multiple organ failure at onset of diabetes type 1 in 17-month girl - a case report

Management and outcomes in paediatric ketoacidosis - West Midlands experience
Sever hypertrigliceridemia in the course of ketoacidosis in a patient with newly diagnosed type 1 diabetes mellitus

Identifying barriers to the timely diagnosis of type 1 diabetes in young people in the primary care (community) setting

GAD autoantibodies long after clinical onset in T1D: search for heterogeneity and better classification

Emergency advice for families of children with diabetes - the story of a helpline

Variations in the relationship between glucose and HbA1c may contribute to clinic and country differences in HbA1c

Findings from a pre-clinic questionnaire given prior consultation at an NHS paediatric diabetes outpatient service in England - the patient's perspective: a survey of patient/carer experience of a paediatric diabetes outpatient service

Variation in 24 hour basal insulin requirements with age in children and young people (CYP) with type 1 diabetes mellitus (T1DM)

Insulin- induced insulin resistance in a 12 year old boy with Leukemia on steroid therapy: continuous glucose monitoring system can have a role

Kindergarten diabetes care for the toddlers with type 1 diabetes (T1D) according to parents views

Identifying the barriers to effective diabetes ‘transitional care’. A qualitative study of patient satisfaction and experiences of transition

High remission rate in children with type1 diabetes in Sweden but minor differences in age

Clinical characteristics of slowly progressive autoimmune diabetes mellitus of youth in a single center

Towards a personalised care of T1DM in a non-profit organisation, T1 Diams, in Mauritius

Diabetes education and regular self-monitoring of blood glucose in the management of people with type 1 diabetes

Transient extreme insulin resistance in childhood onset diabetes mellitus type 1 presenting with severe diabetic ketoacidosis, hyperlipidemia and acute pancreatitis

Second national examination of HbA1c in Bulgarian children with type 1 diabetes mellitus: an impact of education and social status

Our experience of using sensor augmented pump

Comparison of diabetes management outcomes in under 5s in 2 UK diabetes centres

Clinical experience of insulin degludec for better type 1 diabetes control in Lithuanian paediatric patients

Patients commenced on insulin pump therapy despite failing to meet NICE criteria show improvements in diabetes management - a pilot study

Diabetes care and prevention by VNOW fitness device technology

Longitudinal observation of clinical course of type 1 diabetes (T1DM)

Comparison of blood sugar outcome between two groups of young diabetics attending annual diabetic camps (2014 v/s 2015) in Mauritius
Scientific Programme

Optimizing annual urine microalbumin screening for type 1 diabetes mellitus patients in diabetes clinic

Basal insulin rate in insulin pump T1DM treated pediatric patients - seeking for optimal

An audit of the success of the 'Four Stage Plan' admission in adolescents with type 1 diabetes (T1DM) in reducing HbA1c and future hospital admissions with DKA or severe hypoglycaemic episodes

Does singing improve glycaemic control?

Reasons for insulin pump discontinuation

Evolution of body mass index in children with type 1 diabetes mellitus

A collection of case studies: Investigating the efficacy of a psychological intervention designed to promote higher levels of self-esteem within adolescents exhibiting poor diabetes self-management

Visceral fat and fatty liver could predict subclinical atherosclerosis in lean adolescents with Type 1 diabetes

Neutrophile to lymphocyte ratio in children and adolescents with type 1 diabetes

Evaluation of serum cystatin C in type 1 diabetic children and adolescents as an early indicator of diabetic nephropathy

Prevalence and risk factors for microalbuminuria in children and adolescents with type 1 diabetes: long-term experience of a single centre

To study the prevalence of musculoskeletal abnormalities in type 1 diabetes patients

Blood pressure regulation determined by ambulatory blood pressure profiles in children and adolescents with type 1 diabetes mellitus: impact on diabetic complications

The use of urinary C-peptide as a marker of beta cell function in children and adolescents with type 1 diabetes

Predictors of renal complications in pediatric patients with type 1 diabetes mellitus: a prospective cohort study

Diabetic cardiomyopathy is associated with endothelial dysfunction in children and adolescents with type 1 diabetes mellitus (T1DM)

BMI before disease onset is an important determinant of adult overweight or obesity in young adults with type 1 diabetes

Incidence of lipoatrophy associated with rapid-acting insulin analogs in children with type 1 diabetes mellitus

Overweight, obesity and metabolic syndrome in T1D paediatric patients

Perceived efficacy of the ISPAD science school for physicians on fellows' career development, scientific expertise, networking and social opportunities: the JENIOUS* evaluation survey

Changes in insulin dose and diabetes knowledge during a diabetes camp for patients with type 1 diabetes

Trial of diabetes education for staff of Japanese schools with a low incidence of type 1 diabetes

SPECTRUM CGM education programme: psychological elements of pediatric modules
Diabetes care at your doorstep - DAUD: an educative support

Epidemiological data of type 1 diabetes mellitus in children in Uzbekistan, 1998-2014

Advance in insulin therapy of Japanese pediatric and adolescent type 1 diabetes: the cohorts of the childhood-onset type 1 diabetic patients in Japanese study group of insulin therapy for childhood diabetes (JSGIT)

Update of trends in childhood type 1 diabetes in Germany

The onset age of type 1 diabetes in Polish children from Wielkopolska province has become younger

Characteristics of type 1 diabetic patients attending a winter diabetic camp in Mauritius

Association of rs7093069- IL2RA and rs7647305- SFRS10 polymorphisms with diabetes type 1 in children

Higher C-peptide, higher neutrophil and lower natural killer peripheral counts at type 1 diabetes onset - biomarkers for a longer remission phase?
Speaker: Catarina Limbert (Portugal)

Waxing and waning autoimmune measures: are autoantibodies a useful measure two years after diabetes diagnosis?

Correlation among whole genome methylation status and line-1 expression in various age group of diabetic rat brain

Clinical profile and outcome of children with diabetic ketoacidosis: type 1 diabetes mellitus a real challenge for low income Nation

Clinical profile and outcome of Type 1 diabetes mellitus in tertiary care centre of Eastern Nepal

Maximising diabetes care in resource poor setting

60 hours hybrid-closed-loop (HCL) in everyday life: the DREAM5-study

Virtual pump clinic toward diabetes home care model for children and their families

CGM-based treatment decisions with the Dexcom G5 Mobile CGM System is safe and effective for both adult and pediatric type 1 patients

Safe hypoglycaemia prevention in children with type 1 diabetes by using SmartGuard™ algorithm in sensor-augmented pump therapy: post suspension glycaemic control depends on users behaviour

Physical activity (PA) in youth with type 1 diabetes (T1D): variable impact on metabolic outcomes

The timing of blood glucose monitoring or urinalysis may lead to under reporting of hyperglycaemia and the prevalence of transient diabetes in childhood acute lymphoblastic leukaemia

Two novel cases of permanent neonatal diabetes mellitus caused by homozygous mutations in the glucokinase gene

Kearns-Sayre syndrome with co-occurring insulin-dependent diabetes mellitus in the 10-year-old girl: a case report

Rare genetic conditions related to diabetes in low income country: is there a solution?
Successful sulfonylurea treatment in three patients with neonatal diabetes mellitus associated with novel inherited ABCC8 mutations

Clinical characteristics and therapeutic issues in two sisters with Berardinelli-Seip syndrome

Glicemic control in patients with Cushing syndrome - comparison to age and BMI matched healthy controls

Neonatal insulin pump patients - diagnostic, practical and safety aspects of using insulin pumps and continous glucose monitoring in a clinical series of eight cases of neonatal diabetes

Sodium pyruvate treatment improved endogenous insulin secretion in a patient with mitochondrial diabetes

The importance of awaring monogenic diabetes in Chinese pediatric population - a case series

Hyperglycaemia and metabolic syndrome: not always synonymous of T2D

Novel glucokinase mutation in a boy with MODY 2 followed by continuous glucose monitoring

Dapagliflozin lowers insulin-requirement by increasing urinary glucose excretion effectively in adolescents and young adults with type 1 diabetes

Effect of metformin on endothelial function in overweight adolescents with type 1 diabetes (T1D)

Prevalence of anemia in type I Indian diabetics

Medium-term effect of a process of nutritional education on metabolic control in adolescents with type 1 diabetes

The longitudinal relationship between parental well-being and adolescents’ glycemic control

Illness identity in youth with type 1 diabetes: a person-centered approach

High prevalence of disordered eating behavior in adolescents with type 1 diabetes in a central region of Italy

Health related quality of life and glycaemic control of children with type 1 diabetes mellitus in Ireland

Quality of life, psychological functioning and positive affect in children and adolescents with type 1 diabetes

Maternal anxiety, stress, worries and depression in the context of their child's type 1 diabetes (T1D): association with child outcomes and the moderating role of maternal emotion regulation

Sexual behaviors and knowledge in Greek teenagers with type 1 diabetes mellitus (T1DM)

Health related quality of life and psychosocial risk in children with type 1 diabetes in Ireland

Diabetes strengths profiles: a characterization of what is going well for adolescents with type 1 diabetes (T1D)

Understanding the relationship between anxiety and blood glucose management in children with type 1 diabetes
Scientific Programme

Evaluating the impact of the diagnosis and management of a child with type 1 diabetes on parents

Psychological status of urban T1DM adolescents (Delhi, India)

Family caregivers of pediatric patients with type 1 diabetes mellitus: keys for their well-being

Prevalence of disturbed eating behavior in Dutch adolescents with type 1 diabetes: 1 year follow up

Chronicity of type 1 diabetes mellitus in youths and quality of life and psychopathology: an interplay?

The implementation of a specific validated semi-structured questionnaire assessing self-care in children and adolescents with type 1 diabetes

Psychosocial profile, glycemic control and well being in poverty associated type 1 diabetes mellitus [T1DM] adolescents in India

Family Factors and metabolic control in ethnic minority youth with type 1 diabetes

Screening for depression in adolescents with diabetes by medical social workers: a quality improvement initiative

Type 1 diabetes mellitus in pediatric patients: keys to their well-being and adjustment to disease

Experience of pressure in informal caregiving in parent(s)/caregiver(s) of a child with T1DM. It takes a village to raise a child'

The mental health of adolescents with type 1 diabetes: associations with HbA1c

Provider attitudes: the impact of the implementation of a pediatric T1DM transition program

Assessment of the efficacy of a psychological intervention aiming at improving the quality of life in patients with diabetes mellitus type 1 and their families

Hypergonadotropic hypogonadism in 2 siblings with DIDMOAD (Wolfram Syndrome - WFS) syndrome and its associations

Psychosocial need survey - adolescent outpatient diabetes clinic

Health related quality of life of Egyptian children and adolescents with type 1 diabetes

STAND-support through art and networking for diabetes parent support group. The opinions of the parents pre and post group

Whose diabetes is it anyway? Exploring the transfer of diabetes care responsibility from parents to children with type 1 diabetes: a study protocol
Scientific Programme

Improved diabetes management in Swedish schools: results from two national surveys
Speaker: Stefan Särnblad (Sweden)

Puberty in boys with type 1 diabetes mellitus (T1D) has an earlier onset compared to a simultaneously recruited control group
Speaker: Ethel Codner (Chile)

Clinical characteristics and metabolic control of type 1 diabetes in youth with autism spectrum disorder: a DPV analysis based on 57074 patients &LT; 21 years of age
Speaker: Danielle Pacaud (Canada)

Assessment of solar irradiation as a protective factor towards T1D risk in Sardinia
Speaker: Marco Songini (Italy)

TRACCing teens on their journey to adult care
Speaker: Patricia Herold Gallego (Canada)

Participation of children and adolescents with type 1 diabetes mellitus in summer camp leads to a reduction of hypoglycemic episodes. Results from a 2 year study
Speaker: Kyriaki Tsiroukidou (Greece)

Improving the transition from pediatric to adult diabetes care: towards a smoother multidisciplinary educational transition program
Speaker: Laure Houdon Nguyen (France)

Frequency of parietal cell antibodies in children and adolescents with type 1 diabetes in Austria
Speaker: Elke Fröhlich-Reiterer (Austria)

Symposium
15:00 - 16:30
Auditorio 1

Symposium IV, Obesity and Insulin resistance

Chairs:
Chair: Craig Jefferies (New Zealand)
Chair: Jesús Argente (Spain)

Metabolic Markers of Beta Cell Failure in Youth Insulin Resistance: Do They Conform to Standards?
Speaker: Silva Arslanian (United States)
15:00 - 15:30

Lifestyle interventions for improving cognition and educational attainment in children and adolescents with obesity
15:30 - 16:00

Endocrine-metabolic consequences of low and high weight at birth
Speaker: Lourdes Ibañez (Spain)
16:00 - 16:30
Scientific Programme

Symposium
15:00 - 16:30

Symposium VI, What should I say to patients about Beta cell therapy? (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Joseph Wolfsdorf (United States)
Chair: Johnny Ludvigsson (Sweden)

- **Human pluripotent and mesenchymal Stem cell: Generation of functional human beta cell in vitro**
  Speaker: Olle Korsgren (Sweden)

- **Gene therapy in diabetes**
  Speaker: Fátima Bosch (Spain)

- **Clinical Islet transplantation**
  Speaker: Eduard Montanya (Spain)

Symposium
15:00 - 16:30

Symposium V, Pandemic and Potential solutions: Improving Diabetes in emerging economies

Chairs:
Chair: Isolina Riaño-Galán (Spain)
Chair: Anju Virmani (India)

- **Brasil**
  Speaker: Balduino Tschiedel (Brazil)

- **Pandemic and potential solutions: improving diabetes in emerging economies - China**
  Speaker: Junfen Fu (China)

- **How can the large number of children and adolescents with diabetes in India receive a good care?**
  Speaker: Aspi J. Irani (India)

Satellite Symposium / Workshop / Round Table
16:45 - 18:15

Satellite Symposium/Workshop (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish See [here](#) the detailed program of the industry
Scientific Programme

Satellite Symposium / Workshop / Round Table
16:45 - 18:15
Meeting Room 1+2

Workshop
Scientific Programme

Friday, 28 October 2016

Satellite Symposium / Workshop / Round Table
07:45 - 08:45

Auditorio 3

Satellite Symposium / Workshop

Satellite Symposium / Workshop / Round Table
07:45 - 08:45

Meeting Room 1+2

Workshop

Plenary Session
09:00 - 10:30

Auditorio 1

Plenary session III, ADA/ISPAD Symposium: Emerging diabetes therapeutics

Chairs:
Chair: Jane Chiang (United States)
Chair: Cíntia Castro-Correia (Portugal)

Neurodevelopment and KATP channels: evolution and new pharmacologic approach
Speaker: Kanetee Busiah (France)
09:00 - 09:30

Immunomodulation and prevention therapy - when and how?
Speaker: Carla Greenbaum (United States)
09:30 - 10:00

New approaches for islet immune-isolation and delivery
Speaker: Daniel G. Anderson (United States)
10:00 - 10:30

Oral Session
11:00 - 12:30

Auditorio 1

Oral Session VI: Diabetes Care

Chairs:
Chair: Maria Craig (Australia)
Chair: Neil White (United States)

Long-term improvement and sustainability of HbA1 outcome in children and youth with type 1 diabetes: the diabeter experience
Speaker: Henk Veeze (Netherlands)

Home telemedicine increases the number of type 1 diabetes care visits attended by young adults
Speaker: Cari Berget (United States)
New challenges in pediatric diabetes care: frequency and medical treatment of type 1 diabetes among current refugees in Germany and Austria
Speaker: Birgit Rami-Merhar (Austria)

Factors affecting health-related quality of life and adherence to diabetes care in paediatric patients with type 1 diabetes mellitus in Spain: results from the CHRYSTAL study
Speaker: Juan Pedro López-Siguero (Spain)

Correlation between hypoglycemia, glycemic variability and C-peptide preservation after alefacept therapy in patients with type 1 diabetes: analysis of data from the ITN T1DAL trial
Speaker: Ashley Pinckney (United States)

Change in prevalence of impaired awareness of hypoglycemia in a population-based clinic cohort of youth with type 1 diabetes

The SWEET Initiative: targeting harmonized diabetes care through high quality data registry from 48 centers worldwide
Speaker: Ioanna Kosteria (Greece)

Characteristics of young adults with type 1 diabetes (T1D) who attain HbA1c target in the global TEENs study
Speaker: Barbara Anderson (United States)

Oral Session VIII - Nutrition and DM in Developing Countries (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Olga Ramos (Argentina)
Chair: Mythili Ayyagari (India)

Is the glycaemic response from fat in meals dose dependent in children with T1DM? Interim analysis of 11 patients
Speaker: Susan M O'Connell (Ireland)

Impact of advanced carbohydrate counting method on oxidative stress and metabolic control in children and adolescents with type 1 diabetes (DM1) on multiple daily injection (MDI) therapy
Speaker: Ioanna Partsalaki (Greece)

Greater postprandial glucose excursions and inadequate nutrient intake in youth with type 1 diabetes and coeliac disease
Speaker: Anna Pham-Short (Australia)

Carbohydrate counting from onset of diabetes reduced insulin requirements but increased weight in children and adolescents
Speaker: Elisabeth Jelleryd (Sweden)
Costs to governments of type 1 diabetes care in youth in less-resourced countries - three scenarios for different income levels  
Speaker: Graham David Ogle (Australia)

Type 1 diabetes care and outcomes in rural low income settings in India using family support strategies  
Speaker: Archana Sarda (India)

Diabetes support groups in Ghana, 3 years of diabetes youth care  
Speaker: Nana Barnes (Ghana)

Follow-up of successful community mobilisation with women’s groups to assess impact on growth of children aged two to four years in Bangladesh  
Speaker: Naveed Ahmed (Bangladesh)

Oral Session VII : DM2 & DM in Developing Countries

Auditorio 3

Oral Session  
11:00 - 12:30

Chairs:  
Chair: Bedowra Zabeen (Bangladesh)  
Chair: Fadia Osman (United Arab Emirates)

Pharmacokinetic (PK) and pharmacodynamic (PD) profile of the SGLT2 inhibitor empagliflozin (Empa) in pediatric patients with type 2 diabetes (T2D)  
Speaker: Lori Laffel (United States)

A phase IIb, randomised, double-blind, placebo-controlled study of the DPP-4 inhibitor linagliptin (Lina) in pediatric patients with type 2 diabetes (T2D)  
Speaker: Jan Marquard (Germany)

Transfer from pediatric to adult care for U.S. youth with type 2 diabetes: the SEARCH for diabetes in youth study  
Speaker: Shivani Agarwal (United States)

"Flatbush diabetes": ketosis prone type 2 diabetes presenting with hyperglycaemic hyperosmolar state, ketoacidosis and severe hypernatraemia  
Speaker: Sarah Kiff (United Kingdom)

Comparison of treatment regimes in children with type 2 diabetes and its effect on glycaemic control  
Speaker: Rashida Farhad Vasanwala (Singapore)

A new approach to compare between different screening tests for type 2 diabetes and prediabetes in overweight and obese children  
Speaker: Amany El-Hawary (Egypt)

Association between waist circumference and magnesium, phosphorus and uric acid in indigenous Argentinean children  
Speaker: Valeria Hirschler (Argentina)
Activity of the antioxidant enzyme paraoxonase in indigenous versus urban Argentinean children
Speaker: Valeria Hirschler (Argentina)

Satellite Symposium / Workshop / Round Table
12:45 - 13:45
Auditorio 1

Satellite Symposium/Workshop
See here the detailed program of the industry

Satellite Symposium / Workshop / Round Table
12:45 - 13:45
Auditorio 2

Satellite Symposium/Workshop
See here the detailed program of the industry

Satellite Symposium / Workshop / Round Table
12:45 - 13:30
Meeting Room 1+2

Workshop

IDF Life for a Child Program Update

Chairs:
Chair: Graham David Ogle (Australia)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 19: Diabetes Care
ePoster Corner 1

Chairs:
Chair: Gracia M. Lou Francés (Spain)

Evaluation of a novel method to detect residual β-cell function by dried blood spots in children and adolescents with a recent diagnosis of type 1 diabetes
Speaker: Ruben Willemsen (United Kingdom)

The flexible lifestyle 3mpowering change (FL3X) clinical trial: recruitment and retention strategies
Speaker: Elizabeth Mayer-Davis (United States)
Pooled analysis of four randomized studies with insulin glargine 100 U/mL vs NPH insulin in adults with T1DM using a basal plus meal-time insulin regimen  
Speaker: Wolfgang Landgraf (Germany)

How do young people with type 1 diabetes experience transition from pediatric to adult health care? A sub study of the Norwegian Childhood Diabetes Registry (NCDR)  
Speaker: Kristin Hodnekvam (Norway)

High hereditary risk for CVD among children with type 1 diabetes mellitus (T1D) according to BDD, a Swedish prospective cohort study  
Speaker: Daniel Novak (Sweden)

High A1c clinic - early review to support compliance and improve glycaemic care  
Speaker: Gomathi Margabanthu (United Kingdom)

Putting theory into practice: Implementation of a transition program into routine diabetes care  
Speaker: Anne-Marije Goutbeek (Netherlands)

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Poster Tour  
14:00 - 15:00

**Poster Tour 20: Diabetes Epidemiology**

ePoster Corner 2

**Chairs:**  
Chair: Ulf Söderström (Sweden)

*Incidence trends of type 1 and type 2 diabetes in Austrian children &LT; 15 years (1999-2015)*  
Speaker: Birgit Rami-Merhar (Austria)

*Islet cell antibodies among children and adolescents with type 1 diabetes mellitus in South Africa*  
Speaker: Kubendran Pillay (South Africa)

*Epidemiological trends of pediatric type 1 diabetes in British Columbia, Canada*  
Speaker: Shazhan Amed (Canada)

*Prevalence of type 1 diabetes in children of central and east regions of Poland-multicenter study*  
Speaker: Marta Wysocka-Mincewicz (Poland)

*Epidemiology and characterization of type 1 diabetes in children in Gran Canaria*  
Speaker: Yeray Növoa (Spain)

*National prevalence of type 1 diabetes in children aged under 5 years in Ireland - identifying this vulnerable population*  
Speaker: Edna Roche (Ireland)

*Relationships between the North Rhine-Westphalian Index of Multiple Deprivation and the spatial distribution of the incidence of type 1 diabetes in children and adolescents in North Rhine-Westphalia, Germany*  
Speaker: Katty Castillo-Reinado (Germany)
42nd Annual Conference of the International Society for Pediatric and Adolescent Diabetes, October 26th - 29th, 2016, Valencia, Spain

**Scientific Programme**

**Poster Tour**
14:00 - 15:00

**Poster Area, Level 1**

**Poster Tour 21: Education and Psychological Issues**

ePoster Corner 3

**Chairs:**
Chair: Agnes Clement - De Boers (Netherlands)

- **Early Detection of type 1 Diabetes in Youth: the EDDY feasibility study to design, develop and deliver a complex intervention to parents and primary care to raise awareness of the symptoms of type 1 diabetes in childhood, to prevent diabetic ketoacidosis (DKA) at diagnosis**
  Speaker: Julia Townson (United Kingdom)

- **Pediatric diabetes centres rated parental responsibility and family support as most important determinants of HbA1c using a 17-item questionnaire: a pilot study**
  Speaker: Suchsia Chao (Belgium)

- **Benefit finding in adolescents with type 1 diabetes: prospective associations with treatment adherence and metabolic control**
  Speaker: Jessica Rassart (Belgium)

- **School-age intelligence and psychosocial wellbeing of the children with early-onset type 1 diabetes with good or poor early glycemic control**
  Speaker: Riitta Hannonen (Finland)

- **Level of Internet use among Greek adolescents with type 1 diabetes**
  Speaker: Meropi Dimitriadou (Greece)

- **A triadic approach towards illness perceptions in youth with type 1 diabetes and their parents: associations with patient and parent functioning**
  Speaker: Sofie Prikken (Belgium)

- **Parenting and treatment adherence in type 1 diabetes throughout adolescence and emerging adulthood**
  Speaker: Eveline Goethals (Belgium)

- **care of children with type 1 diabetes mellitus at school: a review of attitude of parents in a developing country**
  Speaker: Tamunopriye Jaja (Nigeria)

**Poster Tour 22: Epidemiology, Acute and Chronic Complications & Associated Diseases**

ePoster Corner 4

**Chairs:**
Chair: Maria Caimari (Spain)

- **Hypertonic saline or mannitol in management of cerebral oedema due to diabetic ketoacidosis in children? A review of current advise by paediatric intensivists of North-West England and North Wales (NWTS)**
  Speaker: Rabin Mohanty (United Kingdom)
Scientific Programme

Insulin edema related insulin pump initiation: case report
Speaker: Marcela Gomes da Costa (Brazil)

Strategy to reduce delay in referral of children with new onset diabetes mellitus to specialist paediatric diabetes teams
Speaker: Juliana Chizo Agwu (United Kingdom)

Prognostic factors and patterns of c-peptide level for 3 years in type 1 DM children
Speaker: Jung Won Hwang (Korea, Republic of)

Asymmetric dimethylarginine in children and adolescents with type 1 diabetes; association with metabolic control and endothelial dysfunction
Speaker: Betul Ersoy (Turkey)

Raising the cut-off value for anti-tissue transglutaminase antibodies decreased the number of unnecessary biopsies in children with type 1 diabetes
Speaker: Petra van Setten (Netherlands)

Current status of incidence and prevalence of type 1 diabetes among children aged less than 15 years in Japan
Speaker: Yoshiko Onda (Japan)

Falling all-cause mortality from the Yorkshire register of type 1 diabetes in children and young adults
Speaker: Trina C Evans-Cheung (United Kingdom)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

Poster Tour 23: Monogenic Diabetes
ePoster Corner 5

Chairs:
Chair: Edgar Van Mil (Netherlands)

Clinical peculiarities in a large pediatric population with Wolfram syndrome
Speaker: Fortunato Lombardo (Italy)

SGLT-2 Inhibitor use in an adolescent girl with a pronounced insulin resistance due to a new compound heterozygous mutation of the gene encoding for the insulin receptor
Speaker: Nicolin Datz (Germany)

Greater glucose variability during OGTT is associated with worse clinical markers in cystic fibrosis
Speaker: Rebecca Margetts (United Kingdom)

Are cystic fibrosis trust guidelines robust enough for early identification of CFRD compared to CFF/ISPAD guidelines?
Speaker: Arundoss Gangadharan (United Kingdom)

Role of mutations causing neonatal diabetes in congenital hyperinsulinism (CHI) in infancy
Speaker: Giuseppe d'Annunzio (Italy)

Insulin receptor gene mutations as a cause of fasting hypoglycemia in children
Speaker: Débora Alencar Menezes Athayde (Brazil)
Scientific Programme

**A novel mutation in a male infant with immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) syndrome**
Speaker: Gülay Karagüzel (Turkey)

**Missense mutation of GLIS3 gene resulting in neonatal diabetes and congenital hypothyroidism**
Speaker: Nadia Algazir (Libyan Arab Jamahiriya)

Poster Tour
14:00 - 15:00
Poster Area, Level 1

**Poster Tour 24: New Insulins and Pharmacologic Agents**

ePoster Corner 6

**Chairs:**
Chair: Ethel Codner (Chile)

- **A comparative, systematic, meta-analysis of the safety and efficacy of insulin degludec (IDeg). Does IDeg confer any advantage over other long-acting analogues in young patients with type 1 diabetes?**
  Speaker: Claire Mathews (United Kingdom)

- **Efficacy and safety of insulin degludec in children and adolescents with type 1 diabetes**
  Speaker: Barbara Predieri (Italy)

- **Comparison of daily insulin dose in continuous subcutaneous insulin infusion and multiple daily injection therapies for children with type 1 diabetes mellitus depending on severity of metabolic disorder at disease onset**
  Speaker: Evgeniya Evsyukova (Russian Federation)

- **Dapagliflozin, an SGLT2 Inhibitor, induces a transient decrease on BMI and insulin dose in female adolescents with Type 1 Diabetes and clinical hyperandrogenism**
  Speaker: Rossana Roman (Chile)

- **The incidence of hyperglycemia and ketosis with insulin degludec-based treatment compared with insulin detemir in pediatric patients with type 1 diabetes: an analysis of data from two randomized trials**
  Speaker: Nandu Thalange (United Kingdom)

- **Ultra long-acting degludec versus long-acting insulin glargine in children and teenagers with type 1 diabetes**
  Speaker: Annalisa Bosco (Italy)

- **The effect of adding metformin to insulin therapy for type 1 diabetes mellitus children: a systematic review and meta-analysis**
  Speaker: Reem Al Khalifah (Canada)
Scientific Programme

Poster Tour
14:00 - 15:00

**Poster Tour 25: Psychosocial Issues**
ePoster Corner 7

**Chairs:**
Chair: Alan Delamater (United States)

- **Gambling with their health: a pilot study examining risks that adolescents take with their diabetes management**
  Speaker: Rachel Wasserman (United States)

- **The impact of secondary caregivers (SCs) on parental burden in the management of type 1 diabetes (T1D) in children ≤8 years old**
  Speaker: Persis Commissariat (United States)

- **Quality of life in type 1 diabetes and coeliac disease: role of the gluten-free diet**
  Speaker: Anna Pham-Short (Australia)

- **Identity formation in youth with type 1 diabetes**
  Speaker: Margaux Verschueren (Belgium)

- **Turkish version of the diabetes eating problem survey-revised on adolescents with type 1 diabetes mellitus**
  Speaker: Yasemin Atik Altinok (Turkey)

- **Understanding barriers to self-management among Latino adolescents with type 2 diabetes**
  Speaker: Nancy Chang (United States)

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Poster Tour
14:00 - 15:00
Poster Area, Level 1

**Poster Tour 26: Latebreakers: Diabetes in Developing Countries and other topics**
ePoster Corner 8

**Chairs:**
Chair: Banshi Saboo (India)

- **Assessment of environmental factors and the risk of type 1 diabetes in children in Minia Governorate, Egypt; case-control study**
  Speaker: Basma Ali (Egypt)

- **Clinical characteristics and mortality rate in pediatric diabetic ketoacidosis**
  Speaker: Yun Jeong Kim (Korea, Republic of)

- **Hospitalization risk in children and adolescents with or without type 1 diabetes from Germany: an analysis of statutory health insurance data on 12 million subjects**
  Speaker: Barbara Bohn (Germany)

- **Management of childhood diabetes in Morocco: descriptive study of the current situation in public centers**
  Speaker: Fatima Zahra Mouzouni (Morocco)

- **A study of type 1 diabetes mellitus from South India**
  Speaker: Mythili Ayyagari (India)
A study of insulin injection practices among patients attending OPD of a tertiary care hospital in Davangere, Karnataka, India  
Speaker: Anusha Nadig (India)

Complication spectrum of DKA seen in a pediatric intensive care unit in a developing country  
Speaker: Khadija Nuzhat Humayun (Pakistan)

Introduction of an intensive outpatient education programme is acceptable to parents of children, and young people with newly diagnosed type 1 diabetes  
Speaker: Melanie Kershaw (United Kingdom)

Poster Tour  
14:00 - 15:00  
Poster Area, Level 1

ePoster session

Available to view as ePoster and/or printed poster.

- Diabetes and paramyotonia congenita: previously unreported clinical association?
- Difficulties in therapy titration in a patient with type 1 diabetes mellitus and Addison disease
- Influence of simple obesity on respiratory disorders in children
- Type 1 diabetes and epilepsy: the role of GADA
- Effect of serotonin modulating pharmacotherapies on Body Mass Index and dysglycaemia among children and adolescents: systematic review and network meta analysis
- The importance of liver ultrasounds scores in nonalcoholic fatty liver disease in Egyptian obese children and adolescent
- Prevalence of celiac disease in a children group with type I diabetes
- Precocious puberty in a boy with type 1 diabetes mellitus, hypothalamic teratoma, right forearam hypoplasia, carrier of galactosemia
- The prevalence of celiac disease in patients with type 1 diabetes - assessment of the 3-year prospective study
- Wolcott-Rallison syndrome (WRS) first case report in Pakistan
- Prevalence of celiac disease in type 1 diabetes mellitus in children and adolescents attending diabetic clinic at National Institute of Child Health
- Metabolic disorders, prediabetes and thyroid dysfunction in Belarusian children
- Autoimmune hepatitis in a boy with newly-diagnosed type 1 diabetes
- Challenges in the diagnosis of hypoglycemia: Hirata disease vs. factitious hypoglycemia
- Improving screening for celiac disease in patients with new-onset type 1 diabetes
- Mammary status in adolescent girls with diabetes mellitus I (a cases history)
- Necrobiosis lipoidica diabeticorum: a case report
Acute sinus vein thrombosis as a complication of diabetic ketoacidosis in a pediatric patient with first manifestation of type 1 diabetes mellitus

Events of severe hypoglycemia is associated with a progressive increase in hemoglobin A1c among children with type 1 diabetes - a study from the Danish Childhood Diabetes Registry

HbA1c levels at diagnosis of type 1 diabetes are related to age and to degree of ketoacidosis

Hospital experience in the management of pediatric diabetic ketoacidosis: retrospective study (2000-2015)

Risk factors for cerebral edema in children and adolescents with diabetic ketoacidosis

Acute decompensations of T1DM children in the emergency unit

Risk factors for severe hypoglycemia in children and adolescents with type 1 diabetes

High incidence of diabetic ketoacidosis at diagnosis of type 1 diabetes among Polish children aged 10-12 and up to 5 years of age: a multicenter study

Extremely severe ketoacidosis with multiple organ failure at onset of diabetes type 1 in 17-month girl - a case report

Management and outcomes in paediatric ketoacidosis - West Midlands experience

Sever hypertrigliceridemia in the course of ketoacidosis in a patient with newly diagnosed type 1 diabetes mellitus

Identifying barriers to the timely diagnosis of type 1 diabetes in young people in the primary care (community) setting

GAD autoantibodies long after clinical onset in T1D: search for heterogeneity and better classification

Emergency advice for families of children with diabetes - the story of a helpline

Variations in the relationship between glucose and HbA1c may contribute to clinic and country differences in HbA1c

Findings from a pre-clinic questionnaire given prior consultation at an NHS paediatric diabetes outpatient service in England - the patient’s perspective: a survey of patient/carer experience of a paediatric diabetes outpatient service

Variation in 24 hour basal insulin requirements with age in children and young people (CYP) with type 1 diabetes mellitus (T1DM)

Insulin-induced insulin resistance in a 12 year old boy with Leukemia on steroid therapy: continuous glucose monitoring system can have a role

Kindergarten diabetes care for the toddlers with type 1 diabetes (T1D) according to parents views

Identifying the barriers to effective diabetes ‘transitional care’. A qualitative study of patient satisfaction and experiences of transition

High remission rate in children with type1 diabetes in Sweden but minor differences in age

Clinical characteristics of slowly progressive autoimmune diabetes mellitus of youth in a single center

Towards a personalised care of T1DM in a non-profit organisation, T1 Diams, in Mauritius
Scientific Programme

Diabetes education and regular self-monitoring of blood glucose in the management of people with type 1 diabetes

Transient extreme insulin resistance in childhood onset diabetes mellitus type 1 presenting with severe diabetic ketoacidosis, hyperlipidemia and acute pancreatitis

Second national examination of HbA1c in Bulgarian children with type 1 diabetes mellitus: an impact of education and social status

Our experience of using sensor augmented pump

Comparison of diabetes management outcomes in under 5s in 2 UK diabetes centres

Clinical experience of insulin degludec for better type 1 diabetes control in Lithuanian paediatric patients

Patients commenced on insulin pump therapy despite failing to meet NICE criteria show improvements in diabetes management - a pilot study

Diabetes care and prevention by VNOW fitness device technology

Longitudinal observation of clinical course of type 1 diabetes (T1DM)

Comparison of blood sugar outcome between two groups of young diabetics attending annual diabetic camps (2014 v/s 2015) in Mauritius

Optimizing annual urine microalbumin screening for type 1 diabetes mellitus patients in diabetes clinic

Basal insulin rate in insulin pump T1DM treated pediatric patients - seeking for optimal

An audit of the success of the 'Four Stage Plan' admission in adolescents with type 1 diabetes (T1DM) in reducing HbA1c and future hospital admissions with DKA or severe hypoglycaemic episodes

Does singing improve glycaemic control?

Reasons for insulin pump discontinuation

Evolution of body mass index in children with type 1 diabetes mellitus

A collection of case studies: Investigating the efficacy of a psychological intervention designed to promote higher levels of self-esteem within adolescents exhibiting poor diabetes self-management

Visceral fat and fatty liver could predict subclinical atherosclerosis in lean adolescents with Type1 diabetes

Neutrophile to lymphocyte ratio in children and adolescents with type 1 diabetes

Evaluation of serum cystatin C in type 1 diabetic children and adolescents as an early indicator of diabetic nephropathy

Prevalence and risk factors for microalbuminuria in children and adolescents with type 1 diabetes: long-term experience of a single centre

To study the prevalence of musculoskeletal abnormalities in type 1 diabetes patients

Blood pressure regulation determined by ambulatory blood pressure profiles in children and adolescents with type 1 diabetes mellitus: impact on diabetic complications

The use of urinary C-peptide as a marker of beta cell function in children and adolescents with type 1 diabetes
Predictors of renal complications in pediatric patients with type 1 diabetes mellitus: a prospective cohort study

Diabetic cardiomyopathy is associated with endothelial dysfunction in children and adolescents with type 1 diabetes mellitus (T1DM)

BMI before disease onset is an important determinant of adult overweight or obesity in young adults with type 1 diabetes

Incidence of lipoatrophy associated with rapid-acting insulin analogs in children with type 1 diabetes mellitus

Overweight, obesity and metabolic syndrome in T1D paediatric patients

Perceived efficacy of the ISPAD science school for physicians on fellows’ career development, scientific expertise, networking and social opportunities: the JENIOUS* evaluation survey

Changes in insulin dose and diabetes knowledge during a diabetes camp for patients with type 1 diabetes

Trial of diabetes education for staff of Japanese schools with a low incidence of type 1 diabetes

SPECTRUM CGM education programme: psychological elements of pediatric modules

Diabetes care at your doorstep - DAUD: an educative support

Epidemiological data of type 1 diabetes mellitus in children in Uzbekistan, 1998-2014

Advance in insulin therapy of Japanese pediatric and adolescent type 1 diabetes: the cohorts of the childhood-onset type 1 diabetic patients in Japanese study group of insulin therapy for childhood and adolescent diabetes (JSGIT)

Update of trends in childhood type 1 diabetes in Germany

The onset age of type 1 diabetes in Polish children from Wielkopolska province has become younger

Characteristics of type 1 diabetic patients attending a winter diabetic camp in Mauritius

Association of rs7093069- IL2RA and rs7647305- SFRS10 polymorphisms with diabetes type 1 in children

Higher C-peptide, higher neutrophil and lower natural killer peripheral counts at type 1 diabetes onset - biomarkers for a longer remission phase?

Waxing and waning autoimmune measures: are autoantibodies a useful measure two years after diabetes diagnosis?

Correlation among whole genome methylation status and line-1 expression in various age group of diabetic rat brain

Clinical profile and outcome of children with diabetic ketoacidosis: type 1 diabetes mellitus a real challenge for low income Nation

Clinical profile and outcome of Type 1 diabetes mellitus in tertiary care centre of Eastern Nepal

Maximising diabetes care in resource poor setting

60 hours hybrid-closed-loop (HCL) in everyday life: the DREAM5-study

Virtual pump clinic toward diabetes home care model for children and their families
Scientific Programme

CGM-based treatment decisions with the Dexcom G5 Mobile CGM System is safe and effective for both adult and pediatric type 1 patients

Safe hypoglycaemia prevention in children with type 1 diabetes by using SmartGuard™ algorithm in sensor-augmented pump therapy: post suspension glycaemic control depends on users behaviour

Physical activity (PA) in youth with type 1 diabetes (T1D): variable impact on metabolic outcomes

The timing of blood glucose monitoring or urinalysis may lead to under reporting of hyperglycaemia and the prevalence of transient diabetes in childhood acute lymphoblastic leukaemia

Two novel cases of permanent neonatal diabetes mellitus caused by homozygous mutations in the glucokinase gene

Kearns-Sayre syndrome with co-occurring insulin-dependent diabetes mellitus in the 10-year-old girl: a case report

Rare genetic conditions related to diabetes in low income country: is there a solution?

Successful sulfonylurea treatment in three patients with neonatal diabetes mellitus associated with novel inherited ABCC8 mutations

Clinical characteristics and therapeutic issues in two sisters with Berardinelli-Seip syndrome

Glicemic control in patients with Cushing syndrome - comparison to age and BMI matched healthy controls

Neonatal insulin pump patients - diagnostic, practical and safety aspects of using insulin pumps and continous glucose monitoring in a clinical series of eight cases of neonatal diabetes

Sodium pyruvate treatment improved endogenous insulin secretion in a patient with mitochondrial diabetes

The importance of awaring monogenic diabetes in Chinese pediatric population - a case series

Hyperglycaemia and metabolic syndrome: not always synonymous of T2D

Novel glucokinase mutation in a boy with MODY 2 followed by continuous glucose monitoring

Dapagliflozin lowers insulin-requirement by increasing urinary glucose excretion effectively in adolescents and young adults with type 1 diabetes

Effect of metformin on endothelial function in overweight adolescents with type 1 diabetes (T1D)

Prevalence of anemia in type I Indian diabetics

Medium-term effect of a process of nutritional education on metabolic control in adolescents with type 1 diabetes

The longitudinal relationship between parental well-being and adolescents’ glycemic control

Illness identity in youth with type 1 diabetes: a person-centered approach

High prevalence of disordered eating behavior in adolescents with type 1 diabetes in a central region of Italy
Scientific Programme

Health related quality of life and glycaemic control of children with type 1 diabetes mellitus in Ireland

Quality of life, psychological functioning and positive affect in children and adolescents with type 1 diabetes

Maternal anxiety, stress, worries and depression in the context of their child’s type 1 diabetes (T1D): association with child outcomes and the moderating role of maternal emotion regulation

Sexual behaviors and knowledge in Greek teenagers with type 1 diabetes mellitus (T1DM)

Health related quality of life and psychosocial risk in children with type 1 diabetes in Ireland

Diabetes strengths profiles: a characterization of what is going well for adolescents with type 1 diabetes (T1D)

Understanding the relationship between anxiety and blood glucose management in children with type 1 diabetes

Evaluating the impact of the diagnosis and management of a child with type 1 diabetes on parents

Psychological status of urban T1DM adolescents (Delhi, India)

Family caregivers of pediatric patients with type 1 diabetes mellitus: keys for their well-being

Prevalence of disturbed eating behavior in Dutch adolescents with type 1 diabetes: 1 year follow up

Chronicity of type 1 diabetes mellitus in youths and quality of life and psychopathology: an interplay?

The implementation of a specific validated semi-structured questionnaire assessing self-care in children and adolescents with type 1 diabetes

Psychosocial profile, glycemic control and well being in poverty associated type 1 diabetes mellitus [T1DM] adolescents in India

Family Factors and metabolic control in ethnic minority youth with type 1 diabetes

Screening for depression in adolescents with diabetes by medical social workers: a quality improvement initiative

Type 1 diabetes mellitus in pediatric patients: keys to their well-being and adjustment to disease

Experience of pressure in informal caregiving in parent(s)/caregiver(s) of a child with T1DM. It takes a village to raise a child'

The mental health of adolescents with type 1 diabetes: associations with HbA1c

Provider attitudes: the impact of the implementation of a pediatric T1DM transition program

Assessment of the efficacy of a psychological intervention aiming at improving the quality of life in patients with diabetes mellitus type 1 and their families

Hypergonadotropic hypogonadism in 2 siblings with DIDMOAD (Wolfram Syndrome - WFS) syndrome and its associations

Psychosocial need survey - adolescent outpatient diabetes clinic
Scientific Programme

Health related quality of life of Egyptian children and adolescents with type 1 diabetes

STAND-support through art and networking for diabetes parent support group. The opinions of the parents pre and post group

Whose diabetes is it anyway? Exploring the transfer of diabetes care responsibility from parents to children with type 1 diabetes: a study protocol

Poster Tour
14:00 - 15:00

Poster Tour 27: President's Choice

Media Corner

Chairs:
Chair: Jane Lynch (United States)

Telemedicine for care of youth with type 1 diabetes: two year follow up
Speaker: Raj Paul Wadwa (United States)

Flash glucose monitoring improves perception and frequency of glucose monitoring leading to improved glucose control
Speaker: Peter Adolfsson (Sweden)

mHealth in management of type 1 diabetes: a systematic review of the published clinical trials (METTLE)
Speaker: Shriram Kulkarni (India)

Effectiveness of SmartGuard technology in prevention of nocturnal hypoglycemia after prolonged physical activity
Speaker: Lenka Petruzelkova (Czech Republic)

Soluble lectin-like oxidized low density lipoprotein receptor-1 as a biochemical marker for diabetic vasculopathy in type 1 diabetes mellitus
Speaker: Mona El Samahi (Egypt)

Obesity and body mass index standard deviation score in children with type 1 diabetes in the Nordic countries
Speaker: Niels Birkebaek (Denmark)

Prevalence of cardiovascular risk factors in adolescents and young adults with type 1 diabetes and comorbid autoimmune disease in comparison to T1DM patients with early vascular complications
Speaker: Barbara Głowińska-Olszewska (Poland)
Scientific Programme

Symposium
15:00 - 16:30
Auditorio 1

Symposium VIII, Diabetes Registries: Comparing outcomes to improve care (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Reinhard Holl (Germany)
Chair: Roque Cardona-Hernandez (Spain)

DPV comparisons (T1Ex DM/Australia) 15:00 - 15:30
Speaker: Sabine Hofer (Austria)

SWEET going international 15:30 - 16:00
Speaker: Michael Witsch (Luxembourg)

Nordic countries / USA & Australia registries
Speaker: Jannet Svensson (Denmark)

Symposium
15:00 - 16:30
Auditorio 2

Symposium IX, Diabetes and Microbiota

Chairs:
Chair: Carine de Beaufort (Luxembourg)
Chair: Isabel Leiva (Spain)

Diet and gut microbiota interactions : influence on host health 15:00 - 15:30
Speaker: Nathalie Delzenne (Belgium)

Altering the intestinal microbiota during a critical development window has lasting metabolic consequences 15:30 - 16:00
Speaker: Laura M Cox (United States)

Fecal transplant -a future therapy in diabetes 16:00 - 16:30
Speaker: Pieter De Groot (Netherlands)

Symposium
15:00 - 16:30
Auditorio 3

Symposium VII, Epidemiology and Economic Burden on healthcare system by childhood DM

Chairs:
Chair: Andrea Scaramuzza (Italy)
Chair: Maria Clemente Leon (Spain)

Is the incidence of type 1 diabetes in children and adolescents really increasing? 15:00 - 15:40
Speaker: Elizabeth Mayer-Davis (United States)
Scientific Programme

**Economic costs of diabetes in childhood**  
Speaker: Juan Pedro López-Siguero (Spain)  
15:40 - 16:20

16:45 - 18:30  
Auditorio 3  
**Meeting, ISPAD Annual General Meeting**
Scientific Programme

Saturday, 29 October 2016

Plenary Session
08:00 - 09:30
Auditorio 1

**Plenary session IV, JDRF/ISPAD Symposium: New technologies for Type 1 DM Treatment**

**Chairs:**
Chair: Aaron Kowalski (United States)
Chair: Maria Chueca (Spain)

- **Closed-Loop technology in T1DM Pediatrics - When will it close?**
  08:00 - 08:30
  Speaker: Stuart Weinzimer (United States)

- **Closed-Loop technology in Pediatric clinic: The diabetes educator perspective**
  08:30 - 09:00
  Speaker: Laurel H Messer (United States)

- **Beyond the closed loop - what else is on the horizon?**
  09:00 - 09:30
  Speaker: Steve Griffen (United States)

Symposium
09:45 - 11:15
Auditorio 1

**Symposium X, Is Diabetes an Emotional Burden in adolescents and young adults with T1DM? (with simultaneous interpretation)**

Simultaneous Interpretation - English -> Spanish

**Chairs:**
Chair: Valeria Hirschler (Argentina)
Chair: Barbara Anderson (United States)

- **Adolescence/young adult aspects - does it affect metabolic control and QoL?**
  09:45 - 10:15
  Speaker: Jill Weissberg-Benchell (United States)

- **I wish they understood how much of an impact it has on everyone in the family’: parents’ views of living with type 1 diabetes in the family**
  10:15 - 10:45
  Speaker: Christel Hendrieckx (Australia)

- **We’re all in this together - reducing the burden, an issue for the whole family and the diabetes team**
  10:45 - 11:15
  Speaker: Elisabeth Northam (Australia)
Symposium
09:45 - 11:15
Auditorio 2

Symposium XI, The state of art on Diabetes Complications

Chairs:
Chair: Gun Forsander (Sweden)
Chair: Marta Ferrer (Spain)

- **Effects of type 1 diabetes on cognition and the brain** 09:45 - 10:15
  Speaker: Ana Maria Arbelaez (United States)

- **Preventing Nephropathy and CVD - The AdDIT Study** 10:15 - 10:45
  Speaker: David Dunger (United Kingdom)

- **The latest in Retinopathy and New Treatments** 10:45 - 11:15
  Speaker: Rafael Simó (Spain)

Practical/Meeting Professor
09:45 - 10:30
Auditorio 3

Meet the Expert 3, New methodology to genetic analysis in monogenic diabetes diagnosis: Sanger sequencing vs NGS

Chairs:
Chair: Sian Ellard (United Kingdom)

Practical/Meeting Professor
10:30 - 11:15
Auditorio 3

Meet the Expert 4, Motivational Interviewing to engage adolescents with Diabetes

Chairs:
Chair: Deborah Christie (United Kingdom)

Plenary Session
11:45 - 13:15
Auditorio 1

Plenary session V, Diabetes E-health (with simultaneous interpretation)

Simultaneous Interpretation - English -> Spanish

Chairs:
Chair: Alfonso Lechuga (Spain)
Chair: Julie Pelicand (Chile)

- **Telemedicine - getting the numbers back** 11:45 - 12:15
  Speaker: Henk Veeze (Netherlands)
Scientific Programme

Be H@althy Be Mobile - an application for advocacy and education in pediatric diabetes?  12:15 - 12:45
Speaker: Line Kleinebreil (France)

Have fun - gaming in diabetes  12:45 - 13:15
Speaker: Michael Fergusson (Canada)

Opening & Closing Sessions
13:15 - 14:15  Auditorio 1

Closing Ceremony