10th International Meeting of Pediatric Endocrinology
Special Interest Group Descriptions
Date: Thursday September 14th, 2017
Time: 8:30 am – 11:30 am

**Bone and Growth**
On behalf of the organizing committee, we are delighted to invite you to attend the annual Bone and Growth Working Group Meeting as part of the 10th International Meeting of Pediatric Endocrinology. The working group will be comprised of two parts: presentations by an international panel of experts who will speak on a variety of topical issues, as well as novel case or original research oral presentations by meeting attendees.

*Hyperphosphatemic Calcinosis: A Consequence of FGF23 deficiency*
Dr. Michael Collins, National Institutes of Health, Bethesda, Maryland, USA

*Genetic Causes of Bone Fragility: Implications for Clinical Care*
Dr. Frank Rauch, McGill University, Montréal, Canada

*The Management of Osteoporosis in Children with Neuromuscular Disorders*
Dr. Craig Munns, The Children’s Hospital of Westmead, Sydney, Australia

*Novel Therapy for the Treatment of Achondroplasia*
Dr. Laurence Legeai-Mallet, L’Université Paris Descartes, Hôpital Necker, Paris, France

**Diabetes technology**
Digital Clinic

08:30-08:45 Introduction
Moshe Philip

08:45-09:05 Current State of T1D Care
David Maahs (United States of America)

09:05-09:25 Nemours Children’s Health System, Division of Endocrinology - Our Experience with Continuous Glucose Monitors (CGM)
Larry Fox (United States of America)

09:25-09:45 Experience with insulin pumps 670G and the development of 690G
Stuart Weinzimer (United States of America)

10:00-10:20 How to measure outcomes of digital clinics?
Thomas Danne (Germany)

10:20-10:40 Tailoring the technology to Diabetes Mellitus Patients at home
Roman Hovorka (United Kingdom)

10:40-11:00 Decision Support Systems: Physician advisor/patient advisor
Tadej Battelino (Slovenia)

11:00-11:30 Debate: Can digital health replace the HCP?
Pro - Revital Nimri (Israel)  Con - Fergus Cameron (Australia)

Disorders of Sex Development (DSD)

Chairs: Christa E. Flück, Reiko Horikawa, Anna Nordenström, & Peter Lee

8:30-8:35 Introduction/Overview

8:35-9:00 Shifts in approach to DSD beginning before the consensus conference
Christopher P. Houk, MD, Medical College of Georgia, Augusta, GA, USA

Updates from funded Research projects

9:00-9:30 Results from the EU-study dsd-LIFE: Participants' experiences with care and ethical issues
Birgit Köhler, Charité, Universitätsmedizin, Berlin, Germany

9:30-9:45 The COST Action DSDnet & European Reference Networks (ERNs)
Olaf Hiort, University of Luebeck, Germany

9:45-10:00 The I-DSD & I-CAH Registries – a paradigm for research, benchmarking and improving clinical care of rare endocrine conditions
S. Faisal Ahmed, University of Glasgow, UK

10:00-10:30 Coffee break

(Anyone interested in forming an on-going PES DSD Working/Special Interest Group please meet briefly in the front right side of the room).
10:30-10:40  Short-term Outcomes for Children Born with Ambiguous Genitalia
Amy Wisniewski, Cook Children’s Hospital. Ft. Worth, TX, USA

10:40-10:50  Disorders/Differences of Sex Development – Translational Research Network (DSD-TRN)
David E. Sandberg, PhD, University of Michigan, Ann Arbor, MI, USA

10:50-11:00  Exome Sequencing in Disorders of Sex Development: Impact on Patients and Families
Yee-Ming Chan, MD, PhD, Boston Children’s Hospital, Harvard Medical School, Boston MA, USA

11:00-11:10  Factors Influencing Psychosocial Outcomes in Disorders of Sex Development
Leena Nahata, Nationwide Children’s Hospital, The Ohio State University, Columbus, Ohio & Amy Tishelman, Boston Children's Hospital, Harvard Medical School, Boston MA, USA

11:10-11:20  Development of an Internet-Delivered Illness Uncertainty Interventions for Caregivers of Children with a Disorder of Sex Development or Congenital Adrenal Hyperplasia: A Multi-Center Collaboration
Cortney Wolfe-Christensen, PhD, Cook Children’s Medical Center, Fort Worth, Texas

11:20-11:30  Conclusion

**Pediatric Adolescent Gynecology**

**PCOS: Update on Genetics & Treatment**
First Session 08:30-10:00
Chairpersons: Catherine Gordon (USA) & Lourdes Ibáñez (Barcelona, Spain)

- Genomics in the diagnosis and management of PCOS
  Richard Legro (Hershey, USA)

- Treatment of PCOS in obese adolescents
  Thomas Reinehr (Datteln, Germany)

- PCOS. To treat or not to treat.
  Sharon Oberfield (New York, USA)

**Coffee break: 10:00-10:30**

Second session: 10:30-11:30

**Puberty in rare diseases**
Chairpersons: Anders Juul (Copenhagen, Denmark) & Anne-Sophie Parent (Liège, Belgium)
**Turner Syndrome**

Overall Chairs: Janiëlle van Alfen-vanderVelden (Netherlands) & Philippe Backeljauw (United States of America)

8:30-8:35 Welcome and Introduction (both chairs)

8:35-10:05 Session 1
Sub-chairs: A Gawlik (Poland) and P Backeljauw (United States of America)
8:35-9:05 Genetics in TS/Newborn screening
C Gravholt, Denmark

9:05-9:35 Cardiovascular co-morbidities/Sports/CVS recommendations
N Brown, United States of America

9:35-10:05 Transition/Recommendations for management in adulthood
K Rubin, United States of America

10:05-10:25 Coffee Break

10:25-11:55 Session 2
Sub-chairs: P Fechner (United States of America) and J van Alfen-vanderVelden (Netherlands)

10:25-10:55 Preservation of ovarian tissue
S Christin-Maitre, France

10:55-11:25 Estrogen replacement
T Sas, Netherlands

11:25-11:55 Neurocognitive aspects
D Sandberg, United States of America

11:55-12:00 Closing remarks (both chairs)

**Allied Health**
This will be an interactive, case-based program with international participants sharing resources & best practices for therapeutic education in pediatric endocrinology.

Key Concepts:
1) Therapeutic education across development
2) Patient Activation and Promoting Adherence
3) Cultural Competence

Moderators: Kate Davies (UK), Andrew Dwyer (Switzerland/USA), Nicole Kirouac (Canada)

ESPE Nurses Business Meeting will follow the session

**Gender Dysphoria**

8:30-8:55 The updated Endocrine Society guideline
Dr. S.M. Rosenthal and dr. S.E. Hannema

8:55-9:40 Developmental aspects of gender identity
Prof. P.T. Cohen-Kettenis and Dr. S.F. Leibowitz

9:40-10:00 Bone health and growth: have we found the optimal treatment regimens?
Dr. D. Klink

10:00-10:30 Coffee Break

10:30-10:40 A review of current practices in European gender clinics
Prof. N. Skordis

10:40-11:10 Moderated discussion with expert panel

11:10-11:30 Business meeting - towards joint research activities and an international database

**Global Pediatric Endocrinology and Diabetes**

8:30-8:35 Introduction
Jean-Pierre Chanoine
Secretary General, GPED and Chair, IRC
University of British Columbia, Vancouver, Canada
Theme 1: Access to medicines in Pediatric Endocrinology and Diabetes
Chair: Joel Dipesalema
Botswana

8:35-9:10 Non-Communicable Diseases in Children and Adolescents and Access to Medicines
Jonathan D. Klein
Executive Director, NCD Child, Chicago, United States
Chair, Technical Advisory Group on NCDs, International Pediatric Association

9:10-9:30 Management of Congenital Adrenal Hyperplasia in Sudanese Children: Barriers and Opportunities
Mohamed Abdullah
University of Khartoum, Khartoum, Sudan

Jean-Pierre Chanoine
University of British Columbia, Vancouver, Canada

9:50-10:05 Discussion

Theme 2: Newborn screening in low income settings
Chair: Maynika Rastogi
United States

10:05-10:40 Acceptance of Newborn Screening in Low Resource Settings
Carmencita Padilla
University of Manila, Manila, Philippines

10:40-11:15 Eradicating Iodine Deficiency, a Prerequisite to Newborn Screening for Congenital Hypothyroidism
Elizabeth Pearce
Boston University, Boston, United States

11:15-11:30 Discussion