



## Preliminary Agenda

Updated 8.24.09

All speakers and topics are subject to change without notice.

### TUESDAY, SEPTEMBER 8, 2009

5:00 pm – 8:00 pm Registration Open

### WEDNESDAY, SEPTEMBER 9, 2009

7:00 am – 7:00 pm Registration Open

9:00 am – 1:00 pm **CLUB CONCURRENT SESSIONS**

#### *Bone / Growth Plate / Turner*

**Coordinators: Cheri L. Deal, PhD, MD**  
University of Montreal  
Montreal, Quebec, Canada

**Lars Ola Nilsson**  
Astrid Lindgren Children's Hospital  
Stockholm, Sweden

#### *Bone Development, Growth and Structure*

**Jeffrey Baron, MD**  
Bethesda, Maryland, USA

#### *Wnt/ $\beta$ -catenin pathways in diseases of bone and glucose metabolism*

**Stavros C. Manolagas, MD, PhD**  
Little Rock, Arkansas, USA

#### *SHOX Gene. The Impact on Cartilage and Bone Growth*

**Gudrun Rappold, PhD**  
Heidelberg, Germany

**Coordinators: Annemieke M. Boot**  
University Medical Centre  
Groningen, Netherlands

**Sabine De Muinck Keizer-Schrama**  
University Medical Center  
Rotterdam, Netherlands

#### *Bone Status in TS. Evaluation. Effect of GH and Estrogens*

**Nick J. Shaw**  
Birmingham, United Kingdom

#### *Osteoporosis in TS. Preventive Measures*

**Vladimir K. Bakalov**  
Bethesda, Maryland, USA

9:00 am - 1:00 pm

#### *Obesity Club*

#### **The (Epi)genetics of Childhood Obesity**

*Opening by the Chair of the ESPE Obesity Club*

**Edgar van Mil**  
Hertogenbosch, Netherlands



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*Genome-wide Association Studies in Adult Obesity – Implications for Children?*

**Ken Ong**

Cambridge, United Kingdom

*How does Allelic Variation in FTO convey effects on Body Weight*

**Rudolf Leibel**

New York City, New York, USA

*Imprinting and Childhood Obesity – the Prader-Willi Syndrome Paradigm*

**Daniel Driscoll**

Gainesville, Florida, USA

*Evaluation of Suspected Monogenetic Forms of Obesity in Childhood*

**Wendy Chung**

New York City, New York, USA

*Discussion: What are the Implications for Practice?*

9:00 am – 1:00 pm

### ***DSD Working Group***

*Welcome and introduction*

**S. Faisal Ahmed**

### **European Collaborative Activities**

Chair: **L. Audi**

Barcelona, Spain

*The European DSD Registry*

**S. Faisal Ahmed**

Glasgow, United Kingdom

*Application of an ESPE DSD e.learning Webportal*

**Stenvert L.S. Drop, MD, PhD**

Rotterdam, Netherlands

*Technological Advances in the Genetic Analysis of DSD*

**John C. Achermann, MD**

London, United Kingdom

*The EuroDSD Project and Consortium*

**Olaf Hiort, MD**

Luebeck, Germany

### **Towards Achieving Optimal Long-term Outcome**

Chair: **I Hughes**

Cambridge, United Kingdom



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*The Rights of the Affected Infant*

**Garry L. Warne, MBBS, FRACP**

Melbourne, Australia

*Long-term Outcome and Quality of Life in Children and Young Adults*

**Ute Thyen, MD**

Luebeck, Germany

*Sexual Function in Adults with a Past History of DSD*

**Heino F. L. Meyer-Bahlburg**

New York, New York, USA

1:00 pm – 1:45 pm

Box Lunch

1:45 pm – 3:15 pm

### **YEARBOOK SESSION I**

*Evidence based Medicine in Pediatric Endocrinology*

**Gary Butler**

Royal Berkshire Hospital

Reading, United Kingdom

*Thyroid*

**Heiko Krude**

Institut für Experimentelle Pädiatrische Endokrinologie

Berlin, Germany

*Adrenals*

**John Achermann**

UCL Institute of Child Health

London, United Kingdom

*Reproductive Endocrinology*

**Olle Soder**

Karolinska Institute and Hospital

Stockholm, Sweden

*Growth Plate, Bone, Calcium*

**Lars Savendahl**

Astrid Lindgren Children's Hospital

Stockholm, Sweden

*Growth and Growth Factors*

**Mehul Dattani**

Institute of Child Health

London, United Kingdom



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1:45 pm – 3:15 pm

### **INTERACTIVE SESSION - Sponsored by Eli Lilly & Co.**

**Co-chairs:**      **Stenvert L.S. Drop, MD, PhD**      **Ilene Fennoy**  
Sophia Children's Hospital      Columbia University  
Netherlands      New York, NY, USA

**Presenters:**      **Cheri Deal, MD, PhD**      **Anita Hokken-Koelega**  
University of Montreal      Rotterdam University  
Montreal, Quebec, Canada      Netherlands

1:45 pm – 3:15 pm

### **SYMPOSIA**

#### **I.      DIABETES NEW TECHNOLOGIES – Sponsored by Medtronic Diabetes**

**Co-chairs:**      **Reinhard Holl**      **Moshe Philip**  
University of Ulm      Schneider's Children Medical Centre of Israel  
Ulm, Germany      Petah Tiqva, Israel

##### *Closed Loop Devices*

**Bruce Buckingham, MD**  
Stanford University  
Stanford, California, USA

##### *Islet Transplantation*

**Camillo Ricordi, MD**  
University of Miami  
Miami, Florida, USA

##### *In vivo Generation of Glucose-responsive Insulin-secreting Cells from Human Embryonic Stem Cell-derived Pancreatic Endoderm*

**Anne Bang, PhD**  
Novocell, Inc.  
San Diego, California, USA

#### **II.      ENDOCRINOLOGY OF MALNUTRITION**

**Co-chairs:**      **Sandro Loche**      **Lynne Levitsky, MD**  
Servizio di Endocrinologia Pediatrica      Massachusetts General Hospital  
Cagliari, Italy      Boston, Massachusetts, USA

##### *Nutrition and Metabolism in the Evolution of Human Growth*

**William R. Leonard, PhD**  
Northwestern University  
Chicago, Illinois, USA

##### *Experimental Evidence for Early Nutritional Programming of Later Health*

**David Gardner, BSc, PhD**  
University of Nottingham  
Loughborough, United Kingdom



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*Insulin Insufficiency and Malnutrition in Cystic Fibrosis*

**Antoinette Moran, MD**

University of Minnesota

Minneapolis, Minnesota, USA

3:15 pm – 3:30 pm Coffee Break

3:30 pm – 5:30 pm **BUSINESS MEETINGS (ESPE / SLEP)**

5:45 pm – 7:15 pm **JOINT MEETING SATELLITE SYMPOSIUM**

**Exploring the Issues Surrounding Growth Disorders**

Sponsored by Novo Nordisk A/S and Presented by Scherer Clinical Communications

7:30 pm – 9:30 pm Welcome Reception in the Exhibition Hall

## **THURSDAY, SEPTEMBER 10, 2009**

5:15 am – 7:50 am **JOINT MEETING SATELLITE SYMPOSIA**

**Fellows Workshop on Growth - Program #1**

Funded by an educational grant from Tercica Inc., a subsidiary of the Ipsen Group

7:00 am – 7:00 pm Registration Open

8:00 am – 8:50 am **MEET THE EXPERT (MTE) SESSIONS**

*Management of Cryptorchidism*

**Jorma Toppari, MD, PhD**

University of Turku

Turku, Finland

*Toddlers with Type-1 Diabetes*

**Mary Pat Gallagher, MD**

Columbia University

New York, New York, USA

*Chronic Complications of Childhood Diabetes*

**Kim Donaghue MB, BS, PhD**

Children's Hospital at Westmead

Sydney, Australia

*Management Guidelines for Transgender Youth*

**Norman P. Spack, MD**

Children's Hospital Boston

Boston, Massachusetts, USA



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*Graves Disease Therapy in Children: Treatment Options and Adverse Events*

**Scott Rivkees, MD**

Yale University

New Haven, Connecticut, USA

*Late Effects of Childhood Cancer*

**Charles Sklar, MD**

Memorial Sloan-Kettering Cancer Center

New York, New York, USA

8:00 am- 9:15 am

### FREE COMMUNICATIONS I - IV

#### *I. Growth*

**Co-chairs:**

**Steven D. Chernausk, MD**

University of Oklahoma

Oklahoma City, Oklahoma, USA

**Paulo Collett-Solberg**

Rio de Janeiro, Brazil

#### *II. Bone*

**Co-chairs:**

**Jeffrey Baron, MD**

National Institutes of Health

Bethesda, Maryland, USA

**Hans Peter Schwarz**

Universitäts-Kinderklinik

Munchen, Germany

#### *III. Reproduction*

**Co-chairs:**

**Sharon E. Oberfield, MD**

Morgan Stanley Childrens Hospital

New York, New York, USA

**Lourdes Ibanez, MD, PhD**

University of Barcelona

Barcelona, Spain

#### *IV. Systems Biology & New Technology*

**Co-chairs:**

**Jack Adam Yanovski, MD, PhD**

Eunice K. Shriver NICHD

Bethesda, Maryland, USA

**Jesus Argente**

Hospital Universitario Infantil del Nino Jesus

Madrid, Spain

9:00 am – 9:20 am

### OPENING CEREMONY / WELCOME

Tomas Farley, MD, MPH

New York City Department of Health and Mental Hygiene

New York, New York

9:20 am – 10:20 am

### PLENARY I

**Co-chairs:**

**Franco Chiarelli, MD**

University of Chieti

Chieti, Italy

**Paul H. Saenger, MD**

Albert Einstein College of Medicine

Bronx, New York, USA

*Early and Lifelong Remodeling of our Epigenomes by Nutrition*

**Claudine Junien**

Necker Enfants Malades Hospital

Paris, France

*Aquaporin Channel Disorders and Clinical Implications*



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**Daniel Bichet, MD**

University of Montreal  
Montreal, Quebec, Canada

9:30 am – 5:00 pm

Exhibit Halls Open

10:20 am – 11:00 am

Coffee Break / Poster Viewing

11:00 am – 11:50 am

**MEET THE EXPERT (MTE) SESSIONS**

*Male Hypogonadotropic / Hypogonadism*

**Berenice Bilharinho Mendonca, MD**

University of São Paulo  
São Paulo, Brazil

*Intensive Insulin Therapy*

**Timothy Jones, MD**

Princess Margaret Hospital  
Perth, Australia

*Issues in Gender Assignment*

**Amy B. Wisniewski, PhD**

Oklahoma University  
Oklahoma City, Oklahoma, USA

11:00 am – 12:15 pm

**FREE COMMUNICATIONS V-IX and NEW TECHNOLOGY**

*V. Autoimmunity & Perinatal*

**Co-chairs:**

**Tomonobu Hasegawa**

Keio University School of Medicine  
Tokyo, Japan

**Morey W. Haymond, MD**

Children's Nutrition Research Center  
Houston, Texas, USA

*VI. SGA and Turner*

**Co-chairs:**

**Robert Rapaport, MD**

Mount Sinai School of Medicine  
New York, New York, USA

**Irene Netchine, MD, PhD, MCU-PH**

Hospital Trousseau  
Paris, France

*VII. Pancreas & Glucose Regulation*

**Co-chairs:**

**Rubina A Heptulla, MD**

Texas Children's Hospital  
Houston, Texas, USA

**Saul Malozowski, MD, PhD**

National Institutes of Health  
Bethesda, Maryland, USA

*VIII. Adrenal*

**Co-chairs:**

**Berthold P. Hauffa**

University Children's Hospital  
Essen, Germany

**Dennis Styne, MD**

University of California Davis  
Sacramento, California, USA

*IX. GH & IGF-1 Therapy I*

**Co-chairs:**

**David T. Wyatt, MD**

**Andrew Cotterill**



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Medical College of Wisconsin  
Milwaukee, Wisconsin, USA

Mater Children's Hospital  
Brisbane, Australia

### **New Molecular Tools for Pediatric Endocrinology - Sponsored by Athena Diagnostics**

**Co-chairs:** **Peter Clayton**  
University of Manchester  
Manchester, United Kingdom

**John Parks, MD, PhD**  
Emory University School of Medicine  
Atlanta, Georgia, USA

**Presenter:** **John J. Kopchick, PhD**  
Ohio University  
Athens, Ohio, USA

12:30 pm – 2:00 pm Lunch / Poster Session I

2:00 pm – 2:50 pm **MEET THE EXPERT (MTE) SESSIONS**

#### *Childhood Osteoporosis*

**Leanne M. Ward, MD, FAAP, FRCPC**  
Children's Hospital of Eastern Ontario  
Ottawa, Ontario, Canada

#### *CAH*

**Anna Nordenstrom, MD, PhD**  
Karolinska University Hospital  
Stockholm, Sweden

#### *PCOS*

**Patricia M. Vuguin, MD, MSc**  
Albert Einstein College of Medicine  
Bronx, New York, USA

#### *Molecular Biology for Pediatric Endocrinologist*

**Roland Pfaeffle, MD**  
University of Leipzig  
Leipzig, Germany

#### *Thyroid Problems in the Teenager*

**Heiko Krude, MD**  
Charite Hospital, University of Berlin  
Berlin, Germany

#### *Childhood Craniopharyngeoma- Current Concepts in Diagnostics, Therapy and Follow-Up*

**Hermann Mueller, MD**  
Klinikum Oldenburg  
Oldenburg, Germany



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2:00 pm – 2:50 pm

### YEARBOOK SESSION II

*Type 1 Diabetes: Clinical and Experimental*

**Franco Chiarelli**  
University of Chieti  
Chieti, Italy

*Type 2 Diabetes, Metabolic Syndrome, Lipid Metabolism*

**Orit Hamiel**  
Safra Children's Hospital  
Ramat-Gan, Israel

*Imaging Insights of the Pituitary Gland*

**Mohamed Maghnie**  
University of Genova  
Genova, Italy

*The Year in Science*

**Ze'ev Hochberg**  
Meyer Children's Hospital  
Haifa, Israel

3:00 pm – 4:30 pm

### SYMPOSIA

#### III. ADRENARCHE – REVISTED

**Co-chairs: Edward Reiter, MD**  
Baystate Medical Center  
Springfield, Massachusetts, USA

**Jovana Dahlgren**  
Queen Silvia Children's Hospital  
Gothenburg, Sweden

*The Molecular Basis of Adrenarche*

**Richard J. Auchus, MD, PhD**  
University of Texas Southwestern Medical School  
Dallas, Texas, USA

*Clinical Implications of Premature Adrenarche*

**Stefan Wudy, MD**  
Justus Liebig University  
Giessen, Germany

*Family Relationships and Adrenarche*

**Bruce Ellis, PhD**  
University of Arizona  
Tucson, Arizona, USA



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### IV. HYPOGLYCEMIA, THE LIMITING FACTOR TO ACHIEVE OPTIMAL GLYCEMIC CONTROL

**Co-chairs:** **Dorothy Becker, MD** **Maria Craig, MBBS PhD**  
Children's Hospital/Univ. of Pittsburgh Children's Hospital at Westmead  
Pittsburgh, Pennsylvania, USA Sydney, Australia

*Hypoglycemia, Functional Brain Failure and Brain Death*

**Philip E. Cryer, MD**  
Washington University School of Medicine  
St. Louis, Missouri, USA

*Prevention of Hypoglycemia in Children*

**Denis Daneman, MB, BCh, FRCPC**  
The Hospital for Sick Children, University of Toronto  
Toronto, Ontario, Canada

*Hypoglycemia a Conundrum*

**Joel Zonszein, MD, CDE, FACE, FACP**  
Montefiore Medical Center / Albert Einstein College of Medicine  
Bronx, New York, USA

### V. PUBERTY – Sponsored by ENDO Pharmaceuticals

**Co-chairs:** **Robert Rosenfield, MD** **Hugo Fideleff, MD, PhD**  
University of Chicago Hospital T. Alvarez  
Chicago, Illinois, USA Buenos Aires, Argentina

*Assessment of Pubertal Timing (PT) and Determinants*

**Jean Pierre Bourguignon, MD, PhD**  
University Du Sart Tilman  
Liege, Belgium

*New Mutations in Abnormal Puberty*

**Ana Claudia Latronico, MD, PhD**  
University of São Paulo  
São Paulo, Brazil

*Biosocial Aspects of Puberty: Natural Selection and Age of First Reproduction in Pygmy Populations*

**Andrea B. Migliano, PhD**  
University of Cambridge  
Cambridge, United Kingdom

### VI. ENDOCRINE PATHOLOGY OF THE PREMATURE INFANT – CORTISOL, THYROID AND GLUCOSE

**Co-chairs:** **Stephen LaFranchi, MD** **Paul Czernichow**  
Oregon Health and Science University Hospital des Enfants Malades



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Portland, Oregon, USA

Paris, France

*Screening for Thyroid Disorders in Premature Infants*

**Guy Van Vliet, MD**

University of Montreal

Montreal, Quebec, Canada

*Effectiveness of a National Program to Optimize Growth and Development of Preterm Infants Using Nutrient Enhanced Formulas, Additional Effects on Insulin Sensitivity and Body Composition*

**Veronica Mericq, MD**

Universidad de Chile

Santiago, Chile

*Endocrine Pathology of the Premature Infant – Adrenal Function*

**Raimo Voutilainen, MD, PhD**

Kuopio University Hospital

Kuopio, Finland

### VII. PROLACTIN

**Co-chairs:**

**David Allen, MD**

University of Wisconsin

Madison, Wisconsin, USA

**Atilla Buyukgebiz**

Acibadem Hospital

Istanbul, Turkey

*New Concepts in Prolactin Biology*

**Vincent Goffin, PhD**

University of Paris- Descartes

Paris, France

*Hyperprolactinemia in Children and Adolescents*

**Hugo Boquete, MD**

Hospital T. Alvarez

Buenos Aires, Argentina

*Epidemiology of Prolactinomas*

**Albert Beckers, MD, PhD**

Centre Hospitalier Universitaire de Liège

Liege, Belgium

4:30 pm – 5:00 pm

Coffee Break

5:00 pm – 6:00 pm

### PLENARY II

**Co-chairs:**

**Ze'ev Hochberg, MD, PhD**

Meyer Children's Hospital

Haifa, Israel

**Franco Chiarelli, MD, PhD**

University of Chieti

Chieti, Italy

**Henning Andersen Award Lecture Best Basic Abstract**

*Suppressor of Cytokine Signaling-2 Inhibition of STAT Signaling in the Growth Plate*



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### **Chloe Pass**

The Roslin Institute  
Midlothian, United Kingdom

### **Henning Andersen Award Lecture Best Clinical Abstract**

*Postnatal Growth and Intellectual Performance among Males Born Preterm*

### **Maria Lundgren**

Uppsala University  
Uppsala, Sweden

### **Hormone Research – ESPE Prize**

### **Paul Czernichow**

### **Outstanding Clinician Award**

### **Andrea Prader Prize**

6:15 pm – 7:45 pm

### **JOINT MEETING SATELLITE SYMPOSIA**

#### **Emerging Clinical Paradigms: Exploring the Relationship between Idiopathic Short Stature and Growth Hormone**

Sponsored by Mount Sinai School of Medicine supported by educational grants from Pfizer and Presented by Vindico Medical Education

#### **Diagnostic and Therapeutic Perspectives on the Management of IGFD: Current Applications and Clinical Update**

This activity is jointly sponsored by Medical Education Resources and Consensus Medical Communications. This activity is supported by an educational grant from Ipsen.

8:00 pm

**President's Poster Symposium / Reception - Sponsored by Ipsen**

## **FRIDAY, SEPTEMBER 11, 2009**

5:15 am – 7:50 am

### **JOINT MEETING SATELLITE SYMPOSIA**

#### **Fellows Workshop on Growth - Program #2**

Funded by an educational grant from Tercica Inc., a subsidiary of the Ipsen Group

7:00 am – 7:00 pm

Registration Open

8:00 am – 8:50 am

### **MEET THE EXPERT (MTE) SESSIONS**

*Challenges in Decision Making in Cushing Disease*

#### **Nalini Shah, DM**

Seth G.S. Medical College  
Mumbai, India

*Pheochromocytoma*



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### **Steven Waguespack, MD**

M.D. Anderson Cancer Center  
Houston, Texas, USA

### *Toddlers with Diabetes*

### **John W. Gregory, MD**

Wales School of Medicine, Cardiff University  
Cardiff, United Kingdom

### *Chronic Complications of Childhood Diabetes*

### **Lori Laffel, MD, MPH**

Harvard University  
Boston, Massachusetts, USA

### *Male Hypogonadotropic Hypogonadism*

### **Nelly Pittiloud, MD**

Massachusetts General Hospital  
Boston, Massachusetts, USA

### *Intensive Insulin Therapy in Children*

### **Stuart A. Weinzimer, MD**

Yale University  
New Haven, Connecticut, USA

8:00 am – 8:50 am

## **YEARBOOK SESSION III**

### *Population Genetics, Pharmacogenomics*

### **Ken Ong**

Addenbrooke's Hospital  
Cambridge, United Kingdom

### *Obesity and Weight Regulation*

### **Martin Wabitsch**

University of Ulm  
Ulm, Germany

### *Neuroendocrinology*

### **Nicolas De Roux**

Hôpital Robert Debré  
Paris, France

### *Pediatric Endocrinology: Editor's Choice*

### **Jean-Claude Carel**

Hôpital Robert Debré  
Paris, France

9:00 am – 10:00 am

## **PLENARY III**

**Co-chairs: Ron Rosenfeld, MD**

**Susumu Yokoya, MD, PhD**



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Oregon Health & Science Center  
Los Altos, California, USA

National Center for Child Health and  
Development  
Tokyo, Japan

*The GH Receptor: Update on Mechanism and Actions*

**Michael Waters, PhD, DSc**  
University of Queensland  
St. Lucia, Australia

*Bergada Lecture - Human ALS Deficiency: Clinical, Endocrine and Metabolic Consequences*

**Horacio Domené, MS**  
R. Gutiérrez Children's Hospital  
Buenos Aires, Argentina

9:30 am – 5:00 pm

Exhibit Halls Open

10:00 am – 10:45 am

Coffee Break / Poster Session

10:45 am – 12:15 pm

**SYMPOSIA**

### **VIII. ENDOCRINE IMAGING**

**Co-chairs:** **Charles Stanley, MD**  
Children's Hospital of Philadelphia  
Philadelphia, Pennsylvania, USA

**Anatoly Tiulpakov**  
Russia Academy of Medical Sciences  
Moscow, Russia

*State-of-the-Art Imaging in the Evaluation of Congenital Hyperinsulinism*

**Lisa States, MD**  
Children's Hospital of Philadelphia  
Philadelphia, Pennsylvania, USA

*Adrenals*

**Jorge A. Carrasquillo MD**  
Memorial-Sloan-Kettering Cancer Center  
New York, New York, USA

*CNS*

**Mohamad Maghnie, MD, PhD**  
University of Genova  
Genova, Italy

### **IX. UPDATE ON INTERNATIONAL DIABETES TRIALS - Co-sponsored by ISPAD**

**Co-chairs:** **Denis Daneman, MB, BCH, FRCPC**  
The Hospital for Sick Children  
Toronto, Ontario, Canada

**Thomas A. Wilson, MD**  
SUNY  
Stony Brook, NY

*Children and Adolescents with Type 2 Diabetes: Characteristics of the TODAY Study Participants at Baseline*

**Philip Zeitler, MD, PhD**



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The Children's Hospital  
Aurora, Colorado, USA

*The HEALTHY Trial*

**Francine Kaufman, MD**  
University of Southern California  
Los Angeles, California USA

*Update to Finnish Trials Aimed at Prevention of Type 1 Diabetes*

**Mikael Knip, MD, PhD**  
University of Helsinki  
Helsinki, Finland

### **X. NEW INSIGHTS INTO LONGEVITY** – *Jointly sponsored with GRS*

**Co-chairs:**      **Radhika Muzumdar, MD**      **Jan-Maarten Wit, MD, PhD**  
Children's Hospital at Montefiore      Leiden University Medical Center  
Bronx, New York, USA      Leiden, Netherlands

*Insulin/IGF-I Signaling in the Mouse: Metabolic & Longevity Issues*

**Martin Holzenberger, MD**  
Hospital St. Antoine  
Paris, France

*The GH-IGF System in Human Longevity*

**Pinchas Cohen, MD**  
UCLA Medical Center  
Los Angeles, California, USA

*Longevity versus Healthspan*

**Michael Thorner, DSc, FACP, MACP, MBBS**  
University of Virginia Health System  
Charlottesville, Virginia, USA

### **XI. ROSS CLARK MEMORIAL SYMPOSIUM ON IGF-1 IN HEALTH AND DISEASE**

*Jointly sponsored with Tercica Inc., A Subsidiary of the Ipsen Group*

#### **THE GH AND IGF-1 CASCADE: LESSONS FROM ANIMAL MODELS**

**Chair:**      **Martin Savage**  
John Vane Science Centre  
London, United Kingdom

*A Journey Up and Down the GH/IGF1 Axis*

**Presenter:**      **I.C.A.F. Robinson, MA, DPHIL**  
National Institute for Medical Research  
London, United Kingdom



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1:45 pm – 3:00 pm

### FREE COMMUNICATIONS X – XIV

*X. GH & IGF-1 Therapy II*

**Co-chairs: Sally Radovick, MD**  
Johns Hopkins University  
Baltimore, Maryland, USA

**Helmuth Doerr**  
University of Erlangen-Nuremberg  
Erlangen, Germany

*XI. Obesity I*

**Co-chairs: Fernando Cassorla, MD**  
University of Chile School of Medicine  
Santiago, Chile

**Diane Stafford, MD**  
Children's Hospital  
Boston, Massachusetts, USA

*XII. Puberty*

**Co-chairs: Udo Heinrich, MD**  
Heidelberg, Germany

**Christopher Kelnar**  
University of Edinburgh  
Edinburgh, United Kingdom

*XIII. Diabetes – Session I*

**Co-chairs: Paul M. Des Rosiers, MD**  
Arnold Palmer Children's Hospital  
Orlando, Florida, USA

**Frank B. Diamond, MD**  
University of Southern Florida  
St. Petersburg, FL, USA

*XIV. DSD*

**Co-chairs: Leo Dunkel**  
Kuopio University Hospital  
Kuopio, Finland

**John S. Fuqua, MD**  
Riley Hospital for Children  
Indianapolis, Indiana, USA

3:15 pm – 3:30 pm

Coffee Break

3:30 pm – 5:00 pm

### SYMPOSIA

#### **XII. DIABETES IN INDIGENOUS AND DEVELOPING POPULATIONS – Sponsored by Medtronic Diabetes**

**Co-chairs: Kenneth Copeland, MD**  
OU Children's Physicians  
Oklahoma City, Oklahoma, USA

**Meena Desai**  
Sir H.N.Hospital & Research Centre  
Mumbai, India

*What is Different in Type 2 Diabetes in South Asians?*

**Anju Virmani MBBS, MD, DNB**  
Apollo, Max and Sunderlal Jain Hospitals  
New Dehli, India

*Diabetes in American Indian Populations*



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**William Knowler, MD, DrPH**

National Institutes of Diabetes and Digestive and Kidney Diseases  
Phoenix, Arizona, USA

*Type 2 Diabetes in Indigenous Australian Children – High Rates and a Management Challenge*

**Elizabeth Davis, MBBS, FRACP**

Princess Margaret Hospital for Children  
Perth, Australia

### **XIII. GENOME WIDE ASSOCIATION SCREENING (GWAS) FOR THE PEDIATRIC ENDOCRINOLOGIST**

**Co-chairs: Erica Eugster, MD**  
Riley Hospital  
Indianapolis, Indiana, USA

**Peter Hindmarsh**  
University College London  
London, United Kingdom

*Height*

**Joel Hirschhorn, MD, PhD**  
Children's Hospital  
Boston, Massachusetts, USA

*Use of Genome-Wide Approaches to Investigate Variation in Pubertal Timing*

**Mark Palmert, MD, PhD**  
University of Toronto  
Toronto, Ontario, Canada

*Genome-wide Association for Obesity-related Traits- What Have We Learned?*

**Ruth Loos, PhD**  
Addenbrooke's Hospital  
Cambridge, United Kingdom

*Identification of Genetic Variants Conferring Increased Risk to Autoimmune Thyroid Disease*

**Stephen Gough, PhD**  
University of Birmingham  
Birmingham, United Kingdom

### **XIV. SEX CHROMOSOMES**

**Co-chairs: Melvin Grumbach, MD**  
University of California San Francisco  
San Francisco, California, USA

**Nathalie Josso**  
Clamart, France

*Weird Animal Genomes and the Evolution of Human Sex Chromosomes*

**Jennifer A. Marshall Graves, PhD**  
Australia National University  
Canberra, Australia

*Gene Expression from the Inactive X- Chromosome: The "Silencer" Does Not Always Work*

**Laura Carrel, MD**  
Pennsylvania State University



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State College, Pennsylvania, USA

*The Pseudoautosomal Regions, SHOX and Disease*

**Gudrun Rappold, PhD**

Institute of Human Genetics

Heidelberg, Germany

### XV. PRO/CON SESSIONS

#### PEDIATRIC BARIATRIC SURGERY

**Co-chairs: Maithe Tauber**  
Hopital des Enfants  
Toulouse, France

**Phyllis Speiser, MD**  
Scheider Children's Hospital  
New Hyde Park, New York, USA

*Updating the Rationale and Outcomes of Weight Loss Surgery in Youth*

PRO - **Thomas H. Inge, MD, PhD**  
Cincinnati Children's Hospital Medical Center  
Cincinnati, Ohio, USA

*Experimental Therapy and 'Ultima Ratio' in Selected Patients only – No General Application Neither Today nor in the Future*  
CON - **Martin Wabitsch, MD**  
University of Ulm  
Ulm, Germany

#### INSULIN SENSITIZERS IN PEDIATRICS

**Co-chairs: Sonia Caprio**  
Yale University  
New Haven, Connecticut

**David Dunger**  
University of Cambridge  
Cambridge, United Kingdom

PRO - **Michael S. Freemark, MD**  
Duke University Medical Center  
Durham, North Carolina, USA

CON - **Tamara Hannon, MD**  
Children's Hospital of Pittsburgh  
Pittsburgh, Pennsylvania, USA

### XVI. VITAMIN D BIOLOGY AND ITS DISORDERS

**Co-chairs: Alan Root, MD**  
All Children's Hospital  
St. Petersburg, Florida, USA

**Lars Savendahl**  
Karolinska University Hospital  
Stockholm, Sweden

*Vitamin D Biology Revealed by Genetic Mouse Models and Clinical Features of FGF23, Vitamin D and Bone*

**David Goltzman, MD**  
Royal Victoria Hospital  
Montreal, Quebec, Canada

*Mother Child Vitamin D Deficiency*

**Vijayalakshmi Bhatia, MD**  
Sanjay Gandhi Postgraduate Institute of Medical Sciences  
Lucknow, India



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*Clinical Features of FGF23, Vitamin D and Bone*

5:15 pm – 6:15 pm

### PLENARY IV

**Co-chairs:**

**Alan Rogol, MD, PhD**  
University of Virginia  
Charlottesville, Virginia, USA

**Jean-Claude Carel**  
Hôpital Robert Debré  
Paris, France

*Biology and Function of Nuclear Steroid Hormone Receptor*

**Shigeaki Kato, PhD**

University of Tokyo  
Tokyo, Japan

*Inherited Endocrine Diseases Involving G-Proteins and G-Protein Coupled Receptors*

**Allen Spiegel, MD**

Albert Einstein College of Medicine  
Bronx, New York, USA

6:30 pm – 8:00 pm

### JOINT MEETING SATELLITE SYMPOSIA

**Strategic Approaches to Managing the Treatment-Resistant Patient with Short Stature**

Sponsored by Ipsen Global and Presented by BioScientifica Ltd.

8:00 pm

Free Evening

## SATURDAY, SEPTEMBER 12, 2009

6:30 am – 7:30 am

### JOINT MEETING SATELLITE SYMPOSIA

**Addressing Controversies Regarding Idiopathic Short Stature and Its Treatment**

Sponsored The Chatham Institute and Supported through an educational grant from Genentech, Inc.

7:00 am – 3:00 pm

Registration Open

8:00 am – 8:50 am

### MEET THE EXPERT (MTE) SESSIONS

*Issues in Gender Assignment in DSD*

**Olaf Hiort, MD**

University of Luebeck  
Luebeck, Germany

*PCOS: Diagnostic and Developmental Issues*

**Ethel Codner, MD**

Universidad de Chile  
Santiago, Chile

*New Aspects of Congenital Adrenal Disease*

**Maki Fukami, MD**

National Research Institute for Child Health and Development



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Tokyo, Japan

CAH

**Lucia Ghizzoni MD**

University of Torino

Torino, Italy

8:00 am – 10:00 am

**PLENARY V - AWARDS**

**Co-chairs:**

**Paul H. Saenger, MD**

Albert Einstein College of Medicine

Bronx, New York, USA

**Olle Soder, MD**

Karolinska Institute & University Hospital

Stockholm, Sweden

ESPE

**Research Award and Lecture**

*IGFs for Life*

**Yves Le Bouc, MD, PhD**

Paris, France

**Young Investigator Award**

*Lessons from Three Dimensional Protein Homology Modelling for Steroidogenic Disease*

**Felix G. Riepe, MD**

Kiel, Germany

**Research Unit Lecture**

*Exploring the Utility of a European Register of Disorders of Sex Development*

**S. Faisal Ahmed**

Glasgow, United Kingdom

LWPES

**Charles Stanley, MD**

The Children's Hospital of Philadelphia

Philadelphia, Pennsylvania, USA

SLEP

*Update on the Diagnosis and Treatment of Isolated SHOX Haploinsufficiency*

**Alexander Jorge, MD**

São Paulo, Brazil

APEG

**Presenter TBA**

APPES

*The Effects of Oestrogen and Growth Factors on Regulation of Growth Plate Chondrogenesis*

**Peter Simm**

The Children's Hospital at Westmead

Sydney, Australia



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9:00 am – 9:50 am

### MEET THE EXPERT (MTE) SESSIONS

*Molecular Biology for the Clinician*

**John J. Kopchick, PhD**

Ohio University  
Athens, Ohio, USA

*Testing for Pituitary Disorders*

**Xiaoping Luo, MD**

Huazhong University of Science and Technology  
Wuhan, China

*Nutritional Rickets*

**Abdullah Bereket, MD**

Marmara University  
Istanbul, Turkey

*Thyroid Problems in the Teenager*

**Juliane Leger, MD**

Hospital Robert Debre  
Paris, France

9:30 am – 3:00 pm

Exhibit Halls Open

10:00 am – 10:15 am

Coffee Break

10:15 am – 11:30 am

### LATE BREAKING ABSTRACT PRESENTATIONS

*Adrenal, Insulin and IGF-1*

**Co-chairs: Mary Lee**  
Massachusetts General  
Boston, Massachusetts, USA

**Barbara Lippe, MD**  
Genentech, Inc.  
Los Angeles, California, USA

10:15 am – 11:45 am

### SYMPOSIA

#### XVII. MOLECULAR BASIS OF ADRENAL DISORDERS

**Co-chairs: Maria New, MD**  
Mt. Sinai Medical Center  
New York, New York, USA

**Ivo Jorge Arnhold**  
Hospital das Clinicas  
Sao Paulo, Brazil

*Transcriptional Regulation of Adrenal Development*

**John Achermann, MD**  
UCL Institute of Child Health  
London, United Kingdom



## **Preliminary Agenda**

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*P450 Oxidoreductase Deficiency*

**Walter Miller, MD**

University of California San Francisco  
San Francisco, California, USA

*Clinical and Molecular-genetic Spectrum of Lipoid CAH*

*Nonclassical Lipoid CAH*

**Toshihiro Tajima, MD, PhD**

Hokkaido University School of Medicine  
Sapporo, Hokkaido, Japan

*Molecular Mechanism of Adrenal Tumorigenesis*

**Constantine Stratakis MD, DMedSci**

National Institute of Health  
Bethesda, Maryland, USA

### **XVIII. SYNDROMIC DSD**

**Co-chairs:**

**Peter Lee, MD, PhD**

The Milton S. Hershey Medical Center  
Hershey, Pennsylvania, USA

**Martin Ritzen**

Karolinska Hospital  
Stockholm, Sweden

*Genetic Causes of Hypospadias*

**Tsutomu Ogata, MD**

National Research Institute for Child Health and Development  
Tokyo, Japan

*Hormones and Genes in Sexual Development*

**Eric Vilain, MD, PhD**

University of California, Los Angeles  
Los Angeles, California, USA

*Long-term Follow up of Patients with DSD's*

**Claire Bouvattier**

St. Vincent de Paul Hospital  
Paris, France

### **XIX. BONE: NEW CONCEPTS IN BONE BIOLOGY**

**Co-chairs:**

**Michael Levine, MD**

Children's Hospital of Philadelphia  
Philadelphia, Pennsylvania, USA

**Michael Ranke**

Universitäts-Kinderklinik  
Tuebingen, Germany

*Skeletal Development in Children: Beyond Getting Longer, Denser, Heavier*

**Frank Rauch, MD**

Shriners Hospital  
Montreal, Quebec, Canada



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*Manipulation of Anabolic and Catabolic Mechanisms in Bone Repair (Translational)*

**David Little, PhD**

Children's Hospital at Westmead  
Sydney, Australia

### XX. THE CONSENSUS CONFERENCE ON INSULIN RESISTANCE IN CHILDREN: DEFINITION, MEASUREMENT, RISK ASSESSMENT, TREATMENT AND PREVENTION

**Co-chairs: Wayne Cutfield, MD, MB, ChB**  
University of Auckland  
Auckland, New Zealand

**Franco Chiarelli, MD, PhD**  
University of Chieti  
Chieti, Italy

*Background and Definition*

**Claire Levy-Marchal, MD, MSc**

Robert Debre Hospital  
Paris, France

*Assessment of Risk Factors and Consequences*

**Silva Arslanian, MD**

Children's Hospital of Pittsburgh of UPMC  
Pittsburgh, Pennsylvania, USA

*Methods for Measurement and Screening for Insulin Resistance*

**Alan Sinaiko, MD**

University of Minnesota Medical School  
Minneapolis, Minnesota, USA

10:15 am – 11:30 am

### FREE COMMUNICATIONS XV – XVII

XV. *Obesity II*

**Co-chairs: Amy Fleischman, MD**  
Children's Hospital Boston  
Boston, Massachusetts, USA

**Holley Allen, MD**  
Baystate Medical Center Children's Hospital  
Springfield, Massachusetts, USA

XVI. *Diabetes – Session II*

**Co-chairs: Tadej Battelino**  
University Children's Hospital  
Ljubljana, Slovenia

**Paul Thornton, MD**  
Cook's Children's Hospital  
Fort Worth, Texas, USA

XVII. *Thyroid*

**Co-chairs: Delbert Fisher**  
University of California, LA  
San Dana Point, CA, USA

**Michel Polak**  
Hopital Necker Enfants Malades  
Paris, France

12:00 pm – 1:30 pm

Lunch / Poster Viewing III



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1:30 pm – 2:30pm

### PLENARY VI

#### Co-chairs:

**Mark Sperling, MD**

Children's Hospital of Pittsburgh  
Pittsburgh, Pennsylvania, USA

**Jan Lebl**

Charles University  
Prague, Czech Republic

*Genome-wide Genetic Profiling of Type 1 Diabetes: But What Next?*

**John Todd, PhD**

Cambridge Institute for Medical Research  
Cambridge, United Kingdom

*Adiponectin*

**Philipp Scherer, PhD**

The University of Texas Southwestern Medical Center  
Dallas, Texas USA

2:30 pm – 2:40 pm

### CLOSING REMARKS

**Paul H. Saenger, MD**

Albert Einstein College of Medicine  
Bronx, New York, USA

**Robert Rapaport, MD**

Mount Sinai Medical Center  
New York, New York, USA

**Jan Lebl**

Charles University  
Prague, Czech Republic

**Franco Chiarelli, MD, PhD**

University of Chieti  
Chieti, Italy