

1 Foreword

Combined Plenary Lecture 1

2 Ectopic Fat Deposition and the Metabolic Syndrome in Obese Children and Adolescents

Cali, A.M.G.; Caprio, S. (New Haven, Conn.)

Combined Plenary Lecture 2

8 Primary Aldosteronism

Carey, R.M. (Charlottesville, Va.)

Combined Plenary Lecture 3

13 Is Epigenetics an Important Link between Early Life Events and Adult Disease?

Waterland, R.A. (Houston, Tex.)

Combined Plenary Lecture 4

17 Recent Progress in the Genetics of Diabetes

Rich, S.S.; Onengut-Gumuscu, S.; Concannon, P. (Charlottesville, Va.)

Combined Plenary Lecture 5

24 Metabolic Journey to Healthy Longevity

Barbieri, M.; Boccardi, V.; Papa, M.; Paolisso, G. (Napoli)

KIMS/ACROSTUDY Highlights

28 Introduction

Biller, B.M.K. (Boston, Mass.); Ghigo, E. (Turin)

KIMS/ACROSTUDY

30 Pitfalls of Insulin-like Growth Factor I Assays

Bidlingmaier, M. (Munich)

34 ACROSTUDY: Status Update on 469 Patients

Brue, T. (Marseille) on behalf of all ACROSTUDY Investigators

KIGS Highlight Session

- 39 Insulin-like Growth Factor I and Growth Responses during the First Year of Growth Hormone Treatment in KIGS Patients with Idiopathic Growth Hormone Deficiency, Acquired Growth Hormone Deficiency, Turner Syndrome and Born Small for Gestational Age**
Cutfield, W.S. (Auckland); Lundgren, F. (Stockholm)
- 46 Use of Recombinant Human Growth Hormone in Children with Thalassemia**
Geffner, M.E. (Los Angeles, Calif.); Karlsson, H. (Sollentuna)

Pediatric Meet the Professors 1

- 51 Introduction**
de Muinck Keizer-Schrama, S.M.P.F. (Rotterdam)
- 52 Turner Syndrome 2008**
Bondy, C.A. (Bethesda, Md.)

Pediatric Meet the Professors 2

- 57 Update on the Role of Aromatase Inhibitors in Growth Disorders**
Dunkel, L. (Kuopio)

Pediatric Workshop 1

- 64 Peripheral Precocious Puberty: Causes and Current Management**
Eugster, E.A. (Indianapolis, Ind.)

Pediatric Workshop 2

- 68 Introduction: Unresolved Issues in the Management of Children with Idiopathic Short Stature**
Wit, J.M. (Leiden)
- 70 Optimizing Growth Hormone Dosing in Children with Idiopathic Short Stature**
Keni, J.; Cohen, P. (Los Angeles, Calif.)

75 Management of Idiopathic Short Stature: Psychological Endpoints, Assessment Strategies and Cognitive-Behavioral Intervention

Noeker, M. (Bonn)

Pediatric Hot Topics

82 Preserving Fertility in Prepubertal Children

Sauvat, F.; Binart, N.; Poirot, C.; Sarnacki, S. (Paris)

Pediatric Case Reports

87 A 5-Year-Old Boy with Cryptorchidism and Pubic Hair: Investigation and Management of Apparent Male Disorders of Sex Development in Mid-Childhood

Keir, L.S.; O'Toole, S.; Robertson, A.L.; Wallace, A.M.; Ahmed, S.F. (Glasgow)

93 Two Puzzling Cases of Thyroid Dysgenesis

Kuehnen, P.; Grueters, A.; Krude, H. (Berlin)

Adult Meet the Professors 1

98 Session Summary

Cavagnini, F. (Milan)

99 Adrenocortical Cancer Treatment

Patalano, A.; Brancato, V.; Mantero, F. (Padua)

Adult Meet the Professors 2

105 Update on Familial Pituitary Tumors: from Multiple Endocrine Neoplasia Type 1 to Familial Isolated Pituitary Adenoma

Daly, A.F.; Tichomirow, M.A.; Beckers, A. (Liège)

Adult Workshop 1

112 New Guidelines for the Diagnosis of Growth Hormone Deficiency in Adults

Casanueva, F.F.; Castro, A.I. (Santiago de Compostela); Micic, D. (Belgrade); Kelestimur, F. (Kayseri); Dieguez, C. (Santiago de Compostela)

116 Treatment of Growth Hormone Deficiency in Adults

Johannsson, G. (Gothenburg)

123 Recent Challenges in the Diagnosis of Cushing's Syndrome

Pecori Giraldi, F. (Milan)

Hot Topics: Adult Session

128 Session Summary

Fideleff, H. (Buenos Aires)

129 Ghrelin and New Metabolic Frontiers

van der Lely, A.J. (Rotterdam)

134 Bone and Metabolism: A Complex Crosstalk

Lieben, L.; Callewaert, F.; Bouillon, R. (Leuven)

Adult Clinical Case Sessions: Human and Animal

139 Introduction

Wass, J.A.H. (Oxford)

140 Cushing's Disease in Dogs and Humans

de Bruin, C. (Rotterdam); Meij, B.P.; Kooistra, H.S.; Hanson, J.M. (Utrecht); Lamberts, S.W.J.; Hofland, L.J. (Rotterdam)

144 Endocrine Diseases in Animals

Kooistra, H.S.; Galac, S.; Buijtel, J.J.C.W.M.; Meij, B.P. (Utrecht)

Abstract Winners

148 Effective Treatment of Hypoglycaemia in Children with Type 1 Diabetes: A Randomised Controlled Clinical Trial

McTavish, L.; Wiltshire, E. (Wellington)

149 AIP, a Protein Mutated in Familial Acromegaly, Plays a Role in the Regulation of Cell Proliferation and Shows Cell-Type Specific Subcellular Localisation

Leontiou, C.A.; Gueorguiev, M.; Hassan, S.; van der Spuy, J.; Lolli, F. (London); Stolbrink, M.; Christian, H.C. (Oxford); Wray, J.; Bishop-Bailey, D.; Berney, D.M. (London); Frohman, L.A. (Chicago, Ill.); Chapple, J.P.; Grossman, A.B.; Korbonits, M. (London)

151 Author Index

152 Subject Index