HORMONE RESEARCH IN PÆDIATRICS

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Hormone Research

Hormone Research in Paediatrics

From Developmental Endocrinology to Clinical Research
Monogenic Hyperinsulinemic Hypoglycemia Disorders

Editors
Charles A. Stanley
Diva D. De Leon

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Monogenic Hyperinsulinemic Hypoglycemia Disorders

Molecular mechanisms, clinical manifestations, and new treatments

In this volume of Frontiers in Diabetes deal-
ing with the molecular basis of monogenic diseases of beta-cell insulin regulation, renowned experts provide in-depth descriptions of the many recent advances in genetic defects that cause hyperinsulinemic hypoglycemia. These disorders comprise the most important form of hypoglycemia in infants and children and are associated with a high risk of morbidity, including seizures and serious brain injury. The discovery of eight different genetic loci involved in congenital hyperinsulinism has led to greatly improved methods of diagnosis and treatment. New approaches to diagnosis are highlighted, such as 18F-DOPA PET scans for pre-operative localization of focal hyperinsulinism, as well as potential new treatments, such as green tea polyphenols for GLUT-1 and GLUT-4 receptor antago-

ists for SUIF1 and Kir6.2 hyperinsulinism. Practitioners, including pediatricians and specialists in endocrinology, surgery, genetics, pathology, and subspecialists find important up-to-date information for clinical diagnosis, management, and new treatments for infants and children with congenital hypoglycemia. Researchers will discover how genetic hyperinsulinism disorders provide novel insights into the basic mechanisms regulating insulin secretion not only in diabetes, but also in healthy humans.

Molecular mechanisms, clinical manifestations, and new treatments

Monogenic Hyperinsulinemic Hypoglycemia Disorders

Editors: Stanley, C.A.; De León, D.D.

Molecular Mechanisms of Incretin Hormones: A Pancreatic Perspective

Histology and Pathophysiology of the ATP-Sensitive Potassium Channel: ATP-Sensitive Potassium Channel Hypoglycemia

Potassium Channel Hypoglycemia: The Molecular Genetics and Pathophysiology

Role of Incretin Hormones in Hyperinsulinemic Hypoglycemia: A Pancreatic Perspective

Glutamate Dehydrogenase: Structure, Regulation, and Its Role in Insulin Homeostasis

Tryptophan-Magnesium and Hypoglycemia

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HORMONE RESEARCH IN PÆDIATRICS

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2. Mini reviews
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The manuscript should be presented with an abstract (up to 200 words), brief introduction, case or case series description and results, followed by a discussion. No limits on length or number of references are imposed. Statements for the highlighted box should also be included.

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http://2012.ispad.org
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Theme: Translating Science into Clinical Practice

51st Annual Meeting of the European Society for Paediatric Endocrinology

For registration and further information: www.espe2012.org
Illustrating the development of paediatric endocrinology

ESPE – The First 50 Years
A History of the European Society for Paediatric Endocrinology

Editor
Wolfgang G. Sippell

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ESPE Schools
Committees and Working Groups
Consensus Statements
Awards and Scholarships

‘ESPE – The First 50 Years’ tells the story of ESPE’s development from a small club of friends into an international scientific society. The European Society for Paediatric Endocrinology looks back on its history, major steps in the development of this new subspecialty, and how the 30 founders and the generations of scientists who followed them achieved a democratically structured professional organisation. Success in obtaining vital long-term sponsorship from the industry enabled the development of various high-level educational programmes, fellowships, postgraduate schools, international research clusters and the establishment of prestigious scientific awards. In the second part of the book 21 senior ESPE members look back in personal recollections, and tell fascinating stories of their ESPE past. The third part provides a chronological overview with key data, including the most important scientific topics at ESPE’s 50 annual meetings to date, eight of which were international Joint Meetings. These reference overviews of meetings illustrate in detail the impressive development of paediatric endocrinology in Europe and around the world.

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See the journal website for contents
6th ESPE Advanced Seminars in Developmental Endocrinology

Developmental Biology of GH secretion, growth and treatment

The ESPE Advanced Seminars in Developmental Endocrinology take place each year and their purpose is to combine basic science and clinical paediatric endocrinology.

This seminar will take place from 10 to 12 May 2012 in Bern, Switzerland, with the theme of Developmental Biology of GH secretion, growth and treatment. The main intention is to attract young physicians, as well as researchers to science in the field of paediatric as well as adult endocrinology, especially developmental endocrinology. Applications are invited by 29 February 2012.

To view all important details of the seminar and download the programme and application details, check the website http://www.eurospe.org/education/education_DevEndoSeminar.html

The course is free of charge; the home institution does only have to cover the travel expenses. I am looking forward to getting your application in due time. The number of students is limited and being selected.

Prof. Primus-E. Mullis
University of Bern, Switzerland
primus.mullis@insel.ch

‘A collection of extraordinary essays’

GOTTFRIED SCHATZ

A MATTER OF WONDER

What Biology Reveals about Us, Our World, and Our Dreams

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G. Schatz (Basel)
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What Biology Reveals about Us, Our World, and Our Dreams
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- Neonatal Health
- Subspecialties and the Responsibility of the General Pediatrician
- Adolescence
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WWW.CONGRESOSALAPE.ORG
Annual Scientific Meeting of the Endocrine Society of Australia and the Society for Reproductive Biology 2012
August 26th–29th, 2012

Key Dates
Registrations Open: March 2012
Early Bird Discount Deadline: 26th June 2012
Abstract Submission Deadline: 15th June 2012
For further details please visit www.esa-srb.org.au

Australasian Paediatric Endocrine Group (APEG)
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PROGRAM
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Monday 30th July:
Sessions – Welcome Reception
Tuesday 31st July:
Half Day Sessions – Free night
Wednesday 1st August:
Half Day Sessions – Conference dinner
Thursday 2nd August:
Half Day Sessions
Registration and Abstract Submission opens end of March 2012

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★ Registration Opens: Early Spring 2012
★ Regular Call Abstract Site Opens – March 7, 2012
★ Regular Call Abstract Site Closes – May 30, 2012
★ Regular Call Acceptance Notification – June 27, 2012
★ Early Bird Registration Deadline: July 1, 2012
★ Fellows Grant Application Deadline: July 12, 2012
★ Short Call Abstract Site Opens – July 25, 2012
★ Fellows Grant Application Acceptance Notification: on or about July 25, 2012
★ Short Call Abstract Site Closes – August 8, 2012
★ Short Call Abstract Acceptance Notification – August 15, 2012
★ Discount Registration Deadline: August 20, 2012
★ Hotel Rooming Block Reservation Deadline: August 24, 2012

We look forward to seeing you in Québec City!
www.thyroid.org
Annual Scientific Meeting of the
Australian Diabetes Society and the
Australian Diabetes Educators Association
Gold Coast, Qld., August 29–31, 2012

The Program will feature the exchange of the latest clinical practices and cutting edge research in diabetes
with lectures, free communication sessions and clinical, scientific and educational symposia.
Throughout the Program you will have an opportunity to hear from invited international speakers, and local
speakers.

Key Dates
Abstract Submission Deadline
1st June 2012
Early Bird Registration Deadline
29th June 2012

For further information please visit www.ads-adea.org.au
108. Jahrestagung der Deutschen Gesellschaft für Kinder- und Jugendmedizin e.V. (DGKJ)

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38. Jahrestagung der Gesellschaft für Neonatologie und Pädiatrische Intensivmedizin (GNPI)
und der
80. Wissenschaftlichen Halbjahrestagung der Gesellschaft für Pädiatrische Onkologie und Hämatologie (GPOH)
und der
48. Arbeitstagung für Pädiatrische Forschung

12. bis 16. September 2012
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108. Jahrestagung

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gemeinsam mit der
64. Jahrestagung der Deutschen Gesellschaft für Sozialpädiatrie und Jugendmedizin (DGSPI)
50. Jahrestagung der Deutschen Gesellschaft für Kinderchirurgie (DGKCH)
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Mainz, Germany, 28–29 September 2012

Venue:
University Eye Clinic, Auditorium 101
Langenbeckstrasse 1, 55101 Mainz, Germany

Main Topics
Pathogenesis of GO
Assessment of clinical activity
Assessment of clinical severity and optic neuropathy
Assessment of eye muscle motility
Imaging of GO
Thyroid treatment in GO
Selenium and anti-oxidative measures in GO
Intravenous steroids in GO
Non-steroid immunosuppressants in GO
Orbital decompression surgery
Eye muscle/lid surgery
Index case presentations
Live demonstrations (2 sessions, 4 hours)

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“International guidelines in thyroid disease in daily practice”
Vienna, Austria - June 8, 9 - 2012

International guidelines in thyroid disease in daily practice

Aim of the Conference
Thyroid disorders are among the most common encountered in the endocrinological practice. In the Colorado study (USA), 9.8% of subjects had high TSH concentration, with higher frequency found in women than in men. There is no unanimity of opinion among specialists regarding the need for thyroid screening, or in the approach to treatment of hypothyroidism, especially whether or not subclinical hypothyroidism should be treated. Also, there is still controversy of women who desire pregnancy should be screened for thyroid disease and whether or not they should be treated in borderline situations. Thyroid nodules are common, with an estimated prevalence ranging from 0% to 7% on the basis of palpation. From 20% to 48% of patients with one palpable thyroid nodule are found to have additional nodules when investigated by ultrasound. The American Cancer Society estimates that thyroid cancer incidence is increasing by approximately 6% per year. Scientific Thyroid Societies over the world have updated their recommendations for the evaluation and management of thyroid disorders, nodules, and cancer, and these topics will be addressed.

This Conference, hosted by Serono Symposium International Foundation, will represent a unique opportunity to confront different experiences from several well-recognized experts in Europe. Main objective of the meeting will be to review recently published international guidelines in thyroid disorders with criticism and to address potential controversies in daily practice.

Learning objectives
After attending this conference, participants will have up-to-date knowledge on:
- Incorporate recent guidelines in the daily management of thyroid disorders
- Review the most recent evidence relating to screening and management of thyroid disorders in the general population and in pregnancy
- Access the short comings of new guidelines
- Carefully consider the clinical relevance of subclinical thyroid disease
- Evaluate the role of newer therapies in the management of thyroid cancer

Target audience
Endocrinologists, internal medicine and geriatrics specialists, gynecologists involved in diagnosis and management of patients with thyroid disorders.

Accreditation
An application will be made to the EACCME® for CME accreditation of the Serono Symposium International Foundation conference on: “International guidelines in thyroid disease in daily practice” June 8-9, 2011 - Vienna, Austria.

Main Topics

Hyperthyroidism / Thyroid Autoimmunity
- Genetics vs. environment in autoimmune thyroid disease
- TSH-receptor autoantibodies: Differentiation and clinical relevance
- Guidelines for the management of Graves’ hyperthyroidism
- Consensus management of Graves’ orbitopathy
- Distant involvement in Graves’ vs. non-autoimmune hyperthyroidism
- Thyroid autoimmunity and pregnancy

Hypothyroidism / Thyroid Nodules
- New guidelines for the management of thyroid dysfunction during pregnancy
- Cardiovascular risks of subclinical hypothyroidism
- New European guidelines for the treatment of hypothyroidism
- Guidelines for diagnosis of thyroid nodules
- Guidelines for the treatment of thyroid nodules
- New treatment modalities of thyroid nodules

Thyroid Cancer
- Surgery for thyroid cancer: State of the Art
- Management of differentiated thyroid cancer
- Management of medullary thyroid cancer
- Ultrasonography guidelines for the follow-up of thyroid cancer
- Management of metastatic / poor prognosis forms of thyroid cancer / new targeted therapies
- Pitfalls: Interesting cases of differentiated thyroid cancer

General Information

Venue
Hilton Vienna
Am Stadtpark 1
1050 Vienna, Austria

Language
The official language of this Conference will be English.

Registration & Hotel fee
The fee is Euro 1,000.00 and includes:
- Conference sessions
- Conference coffee breaks and lunches
- Conference dinner on June 9, 2012
- Conference materials
- Certificate of attendance
- Hotel accommodation for 2 nights

The conference will start on Friday, June 8 at 14:00 and will close on Saturday, June 9 at 16:00.

Scientific secretariat
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Serono Symposium International Foundation is a Swiss Foundation with headquarters in 14, rue du Rhône, 1204 Geneva, Switzerland.

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Editors
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Diva D. De León

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Glutamate Dephydrogenase: Structure, Regulation, and Its Role in Insulin Homeostasis: Smith, T.J.

The European Thyroid Journal publishes papers reporting original research in basic, translational and clinical thyroidology. Original contributions cover all aspects of the field, from molecular and cellular biology to immunology and biochemistry, from physiology to pathology, and from pediatric to adult thyroid diseases with a special focus on thyroid cancer. Readers also benefit from reviews by noted experts, which highlight especially active areas of current research. The journal will further publish formal guidelines in the field, produced and endorsed by the European Thyroid Association.

Call for papers
The editors cordially invite you to submit your research papers to the European Thyroid Journal. Manuscripts written in English can be submitted online as of October 1, 2011. Detailed Online Submission Instructions with a link to the Submission Website are at www.karger.com/etj. Before submitting your manuscript, you are encouraged to review the detailed guidelines at www.karger.com/etj_guidelines for specific directions as to how to get a manuscript ready for submission.
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