

ESPE Newsletter

bringing the latest in paediatric endocrinology to you

THE NEWSLETTER OF THE EUROPEAN SOCIETY FOR PAEDIATRIC ENDOCRINOLOGY

Issue 4 • Summer 2006

ESPE

European Society for
Paediatric Endocrinology



Improving care of children with endocrine diseases by promoting knowledge and research

Welcome to issue 4

Dear friends and colleagues. Soon we will meet again - this time in Rotterdam for ESPE 2006.

This issue of our newsletter is dedicated to our upcoming annual meeting. This year's president, Stenvert Drop, the local organizing committee and the ESPE Programme Organising Committee have prepared a very intense programme with some new and exciting topics. On Friday afternoon we start with Workshops, ESPE Working groups, Satellite Symposia and finish in the evening with a welcome cocktail in the meeting venue. Saturday we start bright and early with the opening ceremony and delve directly into the scientific programme. Members - please do not forget to attend the ESPE Business Meeting on Saturday afternoon. Important issues are discussed and decisions made. We need your input. More Satellite Symposia will follow the Business Meeting.

Sunday continues with a full day of scientific activities and ends with the annual ESPE concert, dinner and dancing. This is always a good opportunity to get together with old friends and to make new ones. Unfortunately we have to be up bright and early the next morning as Monday is also full of activities.

I do hope you are planning to join us in Rotterdam. If you have not made your reservation yet, it is not too late!

Yours sincerely,

Professor Jesús Argente

EDITOR, ESPE NEWSLETTER

Editorial Board

Jean-Claude Carel	Leo Dunkel
Julie Chowen	Ken Ong

ESPE 2006

30 June - 3 July 2006
Rotterdam, The Netherlands

ESPE 2006 will be held at the modern *de Doelen* Concert and Congress Centre, home of the famous Rotterdam Philharmonic Orchestra.

Today, more than a month before the meeting we already have 1350 delegates registered and the number of accepted abstracts is 663. The programme organising committee is proud to offer you a very diverse programme under the theme *Paediatric Endocrinology: the impact of programming*. The programme is very intense, including plenary lectures and symposia highlighting new developments (see below).

In order to accommodate high ranking abstracts, as many free communication and clinical focus sessions as possible will be held in parallel.

You are invited to participate actively during two interactive sessions, one to run on Sunday, July 2nd and the other to run on Monday, July 3rd, though regrettably attendance is limited to 500 persons in each session. During *Meet the Expert* seminars attendance is limited to approximately 100 persons.

I also wish to draw your specific attention to the programme of Friday, June 30th. In the afternoon several working groups will hold very interesting update lectures including the ESPE Working Group on Obesity, the ESPE Working Group on Turner's syndrome, ESPE Bone Club and ESPE EUROGROP, see <http://www.espe2006.org> for more details. Don't miss the workshop 15:30-17:00h, *Diabetes 2006: Global Issues, Global Challenges*.



The meeting and all social events will take place in the Congress Centre de Doelen. Courtesy www.mediabankrotterdam.nl

Last but not least and fully in accordance with longstanding ESPE tradition you are cordially invited on Sunday, July 2nd to a fantastic concert paying tribute to Mozart and Sjostakowitsj with soloists of international stature.

Following the concert at approximately 21:15, a swinging worldwide walking dinner buffet will be served including specialties from different continents. The dinner is accompanied by musical entertainment in various styles, which we hope will provide a suitable backdrop for easy listening, chatting with your friends or simply to dance.

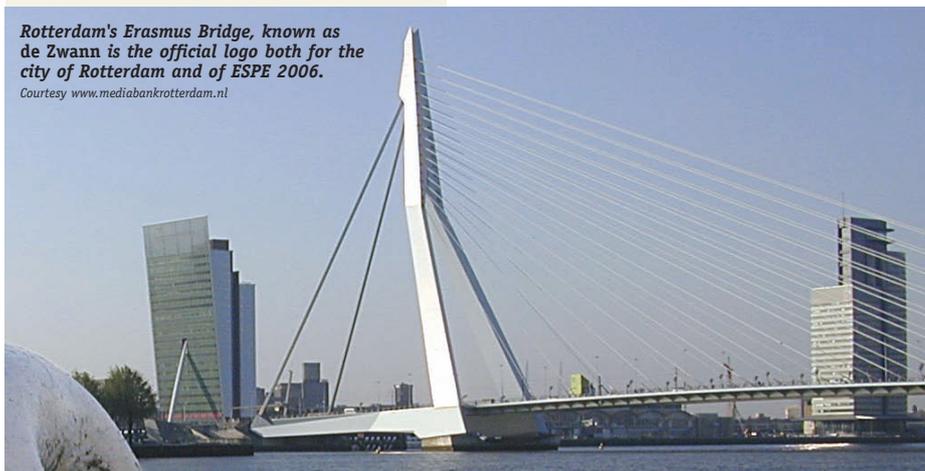
Welcome to Rotterdam!

STENVERT LS DROP
President, ESPE 2006



Rotterdam's Erasmus Bridge, known as de Zwann is the official logo both for the city of Rotterdam and of ESPE 2006.

Courtesy www.mediabankrotterdam.nl



IMPORTANT DATES

45th ESPE Annual Meeting

Rotterdam, 30 June - 3 July 2006

Please visit the website for further information: www.espe2006.org

46th ESPE Annual Meeting

Helsinki, 27 - 30 June 2007

Please visit the website for further information: www.congex.com/espe2007

Please visit the ESPE website for details about future meetings: www.eurospe.org

ENDO 2006

Boston, 24 June - 27 June 2006

Please visit the website for further information: <http://www.endo-society.org/endo06/index.php>

ESPE 2006 - Paediatric Endocrinology: the impact of programming

30 June - 3 July 2006 · Rotterdam, The Netherlands

ESPE 2006 Plenary sessions

PLENARY SESSION 1 *The Dawn of Aging* SATURDAY, JULY 1 08:45-09:45

Gene repair in pre- and post-natal growth and aging - Jan Hoeijmakers, Rotterdam, The Netherlands

The intracellular pathways either suppressing or enhancing the ageing process are beginning to be unravelled. These pathways include regulation of the insulin/growth hormone axis, pathways involved with caloric restriction, and DNA repair. We will have the pleasure of hearing Dr Hoeijmakers, from the Center for Biomedical Genetics at Erasmus Medical Center, update us on the latest developments in transcription-coupled repair and ageing.

Aging and the IGF system - Steven WJ Lamberts, Rotterdam, The Netherlands

Professor of Medicine at Erasmus Medical Center and currently the Rector of Erasmus University, Prof Lamberts has a broad range of research interests including endocrine cancer and quality of life during aging. The role of the IGF system in all stages and aspects of aging is currently an area of intense investigation, with Prof Lamberts as one of the leading authorities.

PLENARY SESSION 2 *Hypothalamic Programming* SUNDAY, JULY 2 08:15-09:15

How the hypothalamus controls glucose production - Silvana Obici, Cincinnati, USA

Recent evidence highlights the important role of the brain in the control of glucose homeostasis. Hypothalamic centers sense the availability of peripheral nutrients via redundant and overlapping nutrient-induced peripheral signals, such as leptin and insulin and via direct metabolic signalling. Responding to nutrient availability, these hypothalamic regions in turn exert a negative feedback not only on food

intake, but also on endogenous glucose production. Disruptions in the mechanisms of CNS nutrient sensing alter these homeostatic responses and contribute to the pathophysiology of obesity and type 2 diabetes. Dr Silvana Obici from the Obesity Center at the University of Cincinnati, will highlight some of the recent advances in this field

Endocrinology of sleep - Eve van Cauter, Chicago, USA

A growing body of epidemiological evidence supports an association between short sleep duration and the risk for obesity and diabetes. Chronic sleep loss may also be the consequence of pathological conditions such as sleep-disordered breathing. In this increasingly prevalent syndrome, a feed-forward cascade of negative events generated by sleep loss, sleep fragmentation, and hypoxia are likely to exacerbate the severity of metabolic disturbances. Chronic sleep loss - behavioral or sleep disorder related - may represent a novel risk factor for weight gain, insulin resistance, and type 2 diabetes. We will have the opportunity to hear one of the world leading authorities in this area, Dr Eve van Cauter from the University of Chicago.

PLENARY SESSION 3 *Diabetes Mellitus* MONDAY, JULY 3 08:15-09:15

Immunopathogenesis of diabetes mellitus type 1 - Bart Roep, Leiden, The Netherlands

The last couple of years have seen rapid advances in our knowledge of the immunopathogenesis of type 1 diabetes, both from functional studies and population genetic approaches. Bart Roep, Head of Division of Autoimmunity, University of Leiden leads research programmes on genetic-epidemiological studies, functional studies of immune molecules and their variants, and cellular immunity. Dr Roep is also the Principal Investigator at the JDRF Center for Beta Cell Therapy in Diabetes.

Low birth weight and type 2 diabetes: foetal programming or shared genes - Andrew Hattersley, Exeter, UK

The key observations that stimulated much of the current interest in programming are the reported links between low birth weight and adult disease. Andrew Hattersley is the leading proponent of the foetal insulin (gene) hypothesis and leads an extremely productive research group at the University of Exeter studying the genetics of various forms of diabetes and foetal growth.



Statue of Desiderius Erasmus Roterodamus, Dutch humanist and theologian. Courtesy www.mediabankrotterdam.nl

PLENARY SESSION 4 *Population Genomics and Paediatric Endocrinology* MONDAY, JULY 3 16:45-17:30

Population genomics - Kári Stefánsson, Reykjavik, Iceland

No better incentive to stay right up to the last session of the meeting! Kári Stefánsson and his team at deCODE Genetics, Inc., Reykjavik, Iceland, are world-leaders in the population approach to human genetics. They have made several recent significant discoveries in the biology of human genetic variation, and their reported genetic associations, including with type 2 diabetes, fertility and cardiovascular disease have been regularly hitting the headlines.

ESPE 2006 Workshop *Diabetes 2006: Global Issues, Global Challenges*

FRIDAY, JUNE 30, 15:30-17:00

Diabetes is a growing health problem throughout the world. For this reason, one of the Workshops at ESPE 2006 (outlined below) will emphasize the progress in the treatment and prevention of this condition.

Insulin for life: Improving life for children in challenging conditions - European efforts and results

Heidi Schmidt-Schmiedebach, Germany and Tadej Battelloni, Slovenia

Is preventing diabetes a global problem?

Stig Pramming, Denmark

The DAWN Programme - Understanding the psychosocial barriers to full health and quality of life of people with diabetes on a global scale

Soren E Skovlund, Denmark



Congress Centre de Doelen. Courtesy Jan van der Ploeg





Dutch windmills nr Nunspeet. Courtesy Roel Kuik



ESPE Summer School

26-30 June 2006 · Nunspeet, Holland

Every year, usually preceding the annual meeting, ESPE organizes a Summer School. This year it will be held in Nunspeet, Holland between June 26th and 30th. The aims of the Summer School are to provide up-to-date basic and clinical teaching in three areas of Paediatric Endocrinology. These sessions provide a forum for discussion and interactions between younger and senior Paediatric Endocrinologists.

Although it is too late for you to register to attend this year, please mark your calendar to apply for next year's Summer School. More information can be found on the ESPE website, <http://www.eurospe.org>.

Deadlines

Please note these fast approaching deadline dates and submit your applications as soon as possible.

Awards, grants and fellowships - deadline dates for application

Clinical Fellowship	31 May 2006
Visiting Scholarship	31 July 2006
Winter School	1 Oct 2006
Visiting Scholarship	31 Oct 2006
Summer School	1 Jan 2007
Young Investigator Award	15 Jan 2007
Outstanding Clinician (nominations from members)	15 Jan 2007
Research Unit (preliminary applications)	15 Jan 2007
Visiting Scholarship	31 Jan 2007
Research Fellowship	1 March 2007
Research Unit (final applications)	15 March 2007
Visiting Scholarship	30 April 2007
Sabbatical Leave Programme	No deadline
New membership applications for 2007	15 Jan 2007

ESPE 2006

Topics at a glance

The Programme Organising Committee (POC), chaired by Professor Ze'ev Hochberg has developed a programme that will provide top quality scientific and clinical information about the latest advances in the field of Paediatric Endocrinology. The POC have tried to reach an optimal balance between updates of established topics and the presentation of novel and innovative data. The following topics will be addressed:

Plenary Sessions

- The Dawn of Aging
- Hypothalamic Programming
- Diabetes Mellitus
- Population Genomics and Paediatric Endocrinology

Symposia

- Outcome of Consensus Meetings
- Clinical and Biochemical Parameters of GH Therapy
- Childhood Obesity and Cachexia
- Bone Health in Children
- Paediatric Endocrinology of Chronic Diseases, Cytokines & their effects on Growth & Puberty
- Pre- & Post-Receptor Programming of Glucocorticoids
- Prevention of Diabetes Mellitus in Children
- Endocrine Disrupters

Courtesy www.mediabankrotterdam.nl



New Technology Sessions

- Functional Genomics in Clinical Medicine
- Refinement of Measurements

ESPE Meeting Secretariat

Congrex Sweden AB manages matters regarding registration, hotel booking, social events, abstract handling, exhibition management and general information.

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For questions about registrations or hotel:

espe2006.registration@congrex.se

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espe2006.scientific@congrex.se

For other questions:

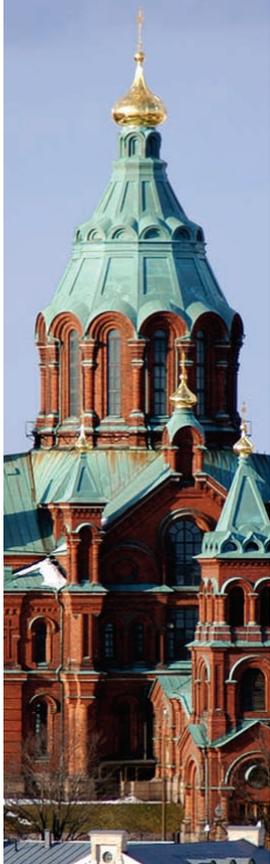
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Sites of Future ESPE Meetings

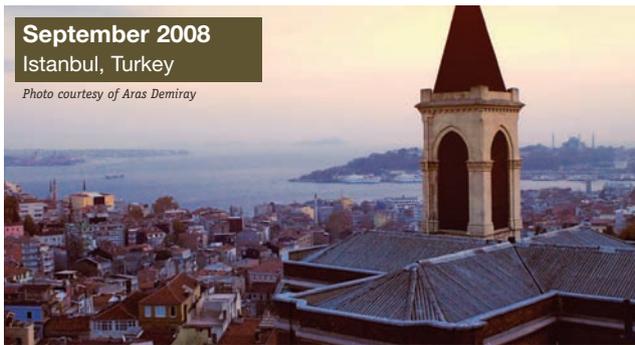
June 2007
Helsinki, Finland

Photo courtesy of Victor Lausas



September 2008
Istanbul, Turkey

Photo courtesy of Aras Demiray



September 2009
New York EEUU
(8th Joint ESPE/LWPES)



Photo courtesy of Egidio Bacigalupi

September 2010
Prague, Czech Republic

Photo courtesy of Konstantinos Dafalias



Are you interested in organizing a future ESPE meeting?

Check out the requirements and application forms at

<http://www.eurospe.org/meetings/index.html>

ESPE Secretariat

The ESPE Secretariat is managed by BioScientifica Limited. BioScientifica is headed by Managing Director Sue Thorn and Events & Secretariats Director Helen Gregson.

Pauline Bertrand, BioScientifica's Secretariats Manager, oversees the day-to-day relationship with ESPE, liaising with the ESPE Council and Committee members as well as being the main point of contact for ESPE enquiries. She undertakes projects requested by the Secretary General, providing him with assistance and attending ESPE Council and Committee meetings.

Jennene Warmington handles membership renewals, payments and banking and deals with subscriptions to *Hormone Research*.

Tom Parkhill holds a seat on the Corporate Liaison Board and deals with industry sponsors. Andrew Lowe sub-edits and co-ordinates publication of the ESPE Newsletter.

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The views expressed by the contributors are not necessarily those of ESPE.



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EXPLORING THE WORLD OF
ENDOCRINOLOGY TOGETHER

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