For the long-term treatment of acromegaly, Sandostatin® LAR® delivers...

**POWERFUL EFFICACY.**

Sandostatin® LAR®—Proven long-term efficacy in the control of GH and IGF-1 levels

Backed by unparalleled evidence, Sandostatin® LAR® is chronic therapy for patients with acromegaly.

- Up to 68% of patients experienced both GH <2.5 ng/mL + IGF-1 normalisation*2
- Up to 72% of patients experienced reduction in GH <2.5 ng/mL*2
- Up to 75% of patients experienced IGF-1 normalisation*2
- Tumour reduction of over 20% occurred in a significant number of untreated patients
- Well tolerated with an established safety profile 1,3
- Over 4 million doses of Sandostatin® LAR® administered worldwide†1
- Over 800,000 patient years of experience†11
- Over 6000 published articles and 600 clinical trials†11,4

**UNPARALLELED EVIDENCE.**

*Range reflects results derived from pivotal trials and long-term follow-up data.
†Includes both ongoing and completed trials in acromegaly and functional GEP NETs.
‡Combined experience with immediate release Sandostatin® and Sandostatin® LAR®.

**Important note:** Before prescribing, consult full prescribing information. **Presentation:** Octreotide acetate. Vials containing 10 mg, 20 mg or 30 mg octreotide free peptide supplied as powder (microspheres) for suspension for injection together with a prefilled syringe (solvent for parenteral use), containing: sodium carboxymethylcellulose 12.5 mg, mannitol 15 mg; water for injection qs ad 2.5 mL; two needles [40 mm (1.5 inch), 19 gauge]. Sandostatin LAR suspension contains less than 1 mmol (23 mg) of sodium per dose, i.e. essentially ‘sodium-free’. **Indication:** Acromegaly: in patients who are adequately controlled on s.c. treatment with Sandostatin; in patients in whom surgery or radiotherapy is inappropriate or ineffective; in the interim period until radiotherapy becomes fully effective. Relief of symptoms associated with functional gastro-entero-pancreatic endocrine tumours: carcinoid tumours with features of the carcinoid syndrome, VIPomas, glucagonomas, gastrinomas/Zollinger-Ellison syndrome, insulinomas, GRFomas. **Dosage:** 10 to 30 mg every 4 weeks, administered as a deep intragluteal injection. **Contraindications:** Known hypersensitivity to octreotide or to any of the excipients. **Warnings/Precautions:** Dose adjustments of drugs such as beta-blockers, calcium channel blockers, or agents to control fluid and electrolyte balance, may be necessary; caution in patients with insulinomas; diabetes mellitus; thyroid function should be monitored in patients receiving channel blockers, or agents to control fluid and electrolyte balance, may be necessary; caution in patients with pregnancy, patients should be advised to use adequate contraception if necessary. Patients should not breast-feed during Sandostatin LAR treatment. **Interactions:** Impaired intestinal absorption of ciclosporin, cimetidine; increased bioavailability of bromocriptine. Caution with concomitant use of drugs mainly metabolized by CYP3A4 and which have a low therapeutic index. **Adverse reactions:** Very common (≥1/10) adverse drug reactions are diarrhoea, abdominal pain, nausea, constipation, flatulence, headache, cholelithiasis, hyperglycaemia, and injection-site localized pain. Common (≥1/100, <1/10) adverse drug reactions are dyspepsia, vomiting, abdominal bloating, steatorrhea, loose stools, discoloration of faeces, dizziness, hypothyroidism, thyroid dysfunction (e.g. decreased thyroid stimulating hormone [TSH], decreased Total T4, and decreased Free T4), cholecytitis, bilary sludge, hyperbilirubinaemia, hypoglycaemia, impairment of glucose tolerance, anorexia, elevated transaminase levels, pruritus, rash, alopecia, dyspnoea, and bradycardia. Uncommon (≥1/1000, <1/100) adverse drug reactions are dehydration, and tachycardia. Post-marketing the following adverse reactions have been reported: anaphylaxis, allergy/hypersensitivity reactions, urticaria, acute pancreatitis, acute hepatitis without cholestasis, cholestatic hepatitis, cholestasis, jaundice, cholestatic jaundice, arrhythmia, increased alkaline phosphatase levels, and increased gamma glutamyl transferase levels. **Packs and prices:** Country specific. **Legal classification:** Country specific.

12th European Congress of Endocrinology

FINAL PROGRAMME

24 – 28 April 2010
PRAGUE, CZECH REPUBLIC

Congress Secretariat
BioScientifica Ltd
Euro House
22 Apex Court
Woodlands
Bradley Stoke
Bristol. BS32 4JT
United Kingdom
Tel: +44 (0)1454 642240
Fax: +44 (0)1454 642222
Email: ece2010@euro-endo.org

ESE Secretariat
Euro House
22 Apex Court
Woodlands
Bradley Stoke
Bristol. BS32 4JT
United Kingdom
Tel: +44 (0)1454 642 247
Fax: +44 (0)1454 642 222
Email: info@euro-endo.org
Web: www.euro-endo.org
On behalf of the Programme Organising Committee and Local Organising Committee, it is our pleasure to provide you with the programme for the 12th European Congress of Endocrinology. This year we are welcomed by our beautiful host city of Prague.

Over the years the ECE meetings have become the premier event of endocrinology in Europe. After very successful previous meetings, the Prague 2010 ECE will once again aim to build bridges between the laboratory and the clinic and to bring science from the bench to the patient. ECE 2010 will offer a good opportunity to exchange experiences in various aspects of endocrine disorders and to discuss the latest developments and controversies in endocrinology. Our commitment was to organise a scientific programme that represents the diverse Society membership. We hope we have succeeded in this goal. We want to affirm the Society’s commitment to recruit new active members and particularly to substantially contribute to the continuing education of our trainees; we realise that this is an important investment in the future of endocrinology. Around 140 invited speakers chosen from among the most distinguished international experts are participating and this will guarantee a high level of science and quality of lectures. Satellite symposia dedicated to the most “hot” clinical topics are one further attraction.

Prague is a famous historical city located in the centre of Europe, with a plethora of cultural attractions. The Prague Congress Centre enjoys a unique location on one of Prague’s hills. From here you can view the wonderful panorama of Prague over the river Vltava and the surrounding widespread parks, reflecting the silhouette of Prague Castle and its many steeples and towers of churches, cathedrals, palaces, and the ancient buildings of the nearby historic centre. You can enjoy a stroll through the many relics in the historical centre which is protected as a monument of the World Cultural Heritage of the UNESCO.

We look forward to receiving your scientific contributions and do hope that you will enjoy what promises to be the premier event in Endocrinology in Europe once again.

Maria Alevizaki
POC Chair

Josef Marek
LOC Chair
Abstract Markers
The Programme Organising Committee would like to thank the abstract markers, who marked all the submissions for this congress in their own time.

Gold Sponsors
The European Society of Endocrinology would like to thank the Gold Sponsors of ECE 2010, whose generous support is greatly appreciated.

Ipsen Pharmaceuticals Ltd
Merck Serono
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Otsuka
Pfizer

Sponsors & Exhibitors
In addition to those listed above, we are also grateful to the following companies and organisations who have supported our meeting in other ways:

Amgen (Europe) GmbH
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Do you want to influence the future of endocrinology in Europe?

The European Society of Endocrinology (ESE) is the major endocrine society and promotes research, education and clinical practice in endocrinology. ESE aims to strengthen endocrinology by enabling scientists and doctors across Europe to work together more successfully by providing high-quality education and communication opportunities.

Ordinary membership is open to any individual working in the field of endocrinology and hormonal systems.

The annual membership fee is €70 or €35 for reduced rate countries, under 35 years or retired. All memberships include free on-line access to European Journal of Endocrinology.

Further information including on-line application and payment is available at www.euro-endo.org.

The ESE also offer Affiliated Society and Corporate Membership. Further details can be found on the website.

**MEMBERSHIP BENEFITS**

Free on-line access to European Journal of Endocrinology
Annual ESE Congress - reduced registration
Postgraduate courses - reduced registration
Voting rights and attendance at general meetings
Grants forum
Regular news updates

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**European Society of Endocrinology**

www.euro-endo.org

**ESE Secretariat**: Euro House, 22 Apex Court, Woodlands, Bradley Stoke, Bristol, BS32 4JT, UK. Email: info@euro-endo.org
Exploring the world of endocrinology together

Accommodation
Guarant International has been appointed as the official hotel accommodation agent for the European Congress of Endocrinology (ECE 2010) and will handle all related arrangements. Guarant International can be contacted via their desk in the registration area on level one of the Prague Congress Centre (PCC).

Email address: ece2010@guarant.cz
Telephone number +420 281 001 444
Fax number: +420 284 001 448

CME Accreditation
The ECE 2010 has been approved by the European Accreditation Council for Continuing Medical Education (EACCME). Certificates of attendance will be provided at the congress.

The Serono Symposia International Foundation (SSIF) is responsible for the CME accreditation, congress evaluation and issuing certificates. Please visit them on stand 33 in the exhibition hall on level two of the PCC.

Commercial Exhibition
The exhibition, located in the Congress Hall Foyer 2, will open at 17:00 on Saturday 24 April 2010 and close at 14:00 on Wednesday 28 April 2010.

Delegates will have the opportunity to meet representatives from a number of publishers and pharmaceutical, diagnostic and equipment companies at their stands to discuss new developments and receive up-to-date product information.

Disabled Access
The PCC provides full disabled access to all areas being used for ECE 2010. Please ask at the registration desk if you require further assistance.

European Society of Endocrinology AGM
The ESE Annual General Meeting will take place on Tuesday 27 April at 18:30 in the Panorama Room. All Society members are encouraged to attend.

This advertisement is for use at international congresses only and is not country specific. It may contain information that is outside the approved indications where you practice. Before prescribing please refer to your local prescribing information.
**Awards, Grants & Prizes**

**Geoffrey Harris Prize**
This prestigious prize is intended for established workers in the field of basic or clinical neuroendocrinology, and is generously supported by Ipsen. The winner of the 2010 prize, Professor Iain Robinson (UK) will deliver a lecture at ECE 2010 from 17:45 on Saturday 24 April in the Main Auditorium.

**European Journal of Endocrinology Prize**
This prize is awarded to a candidate who has significantly contributed to the advancement of knowledge in the field of endocrinology through publication. The recipient of this prize, Professor Lorenz Hofbauer (Germany), will give a lecture at ECE 2010 from 18:45 on Saturday 24 April in the Main Auditorium.

**ESE Young Investigator Awards**
Six European Society of Endocrinology Young Investigator awards of €3000, generously supported by Novartis, will be presented to researchers who have submitted abstracts (basic or clinical) to ECE 2010. Recipients are the first and presenting authors of the abstracts, and will be less than 35 years of age at the time of the meeting. The awards are based on the achieved abstract scores, as determined by the ECE Abstract Review Committee; the final decision has been made by the Programme Organising Committee.

Successful applicants will present their abstracts as oral communications during the programme and will be presented with their awards during the Awards session at 17:15 on Tuesday 27 April 2010 in the Main Auditorium.

The six ESE Young Investigator Award recipients for 2010 are as follows:
- **Rossella Libé** (France) for Abstract H1.3
- **Valentina Cirello** (Italy) for Abstract H1.5
- **Carmelo Quarta** (Italy) for Abstract H2.1
- **Jitske Tiemensma** (The Netherlands) for Abstract H2.3
- **Ariadni Spyroglou** (Germany) for Abstract OC4.2
- **Milano Felipe dos Santos Ferreira Marques** (Brazil) for P271

**ESE Poster Prizes**
The ESE Poster Prizes, generously supported by Novartis and worth €500 each, will be awarded to the four best posters on display at ECE 2010.

The ESE Poster Prizes are awarded by the Programme Organising Committee to the presenting author of the four selected posters. The selection criteria are based on the scientific content and on the quality of the poster presentation. The presenting author must be under 35 years of age. The four awarded posters, 2 clinical and 2 basic science, are selected from the top 10 clinical and 10 basic science poster abstracts which attained the best ratings during the abstract evaluation process.

The winners will be announced at ECE 2010 and will receive their prize during the Awards session at 17:15 on Tuesday 27 April 2010 in the Main Auditorium.

**JOE Travel Grants**
The *Journal of Endocrinology* offers Travel Grants of €300 each to young scientists attending the European Congress of Endocrinology. The travel grants are available for attendance to the ECE if the applicant has submitted an abstract, are a member of ESE and under 35 years of age at the time of the meeting. Preference is given to applicants whose country of residence is not specified as high income by The World Bank and those with high scoring abstracts.

We are pleased to announce the following recipients of the 2010 Journal of Endocrinology Travel Grants:
- **Anastasiya Hlazkova** (Belarus)
- **Nieke Kokshoorn** (Netherlands)
- **Cristina Olarescu** (Romania)
- **Gilberto Perez Lopez** (Spain)
- **Mirela Sanda Petrulea** (Romania)
- **Jitske Tiemensma** (The Netherlands)
- **Olga Vasilkova** (Belarus)
**Growth Hormone made simple for adults**

**GH deficiency**

**Meals and Refreshments**
Complimentary refreshments will be available during scheduled breaks throughout the congress. A packed lunch is included in the registration fee and will be available for delegates on Sunday, Monday and Tuesday in the exhibition Hall. Refreshments will also be available for purchase outside the scheduled breaks at one of the eateries within the PCC. No food purchased from outside the PCC should be consumed on the premises.

**Optional Tours**
Special tours and excursions have been arranged exclusively for the delegates and accompanying persons at the ECE 2010. Guarant International has been appointed as the official tour booking agent for the ECE 2010 and will handle all related arrangements. All tours will leave from and return to the PCC.

A desk dedicated to the optional tours can be found in the registration area on level one of the PCC.

**Posters**
Posters will be displayed in the congress hall foyer on level 3 of the PCC. Access to the poster display area will be through the exhibition hall, using the centre stairs. Disabled access is also available, please ask at the registration desk for further information. All posters must be displayed by 12:00 on Sunday 25 April 2010 at the latest. All posters must be removed before 14:00 on 28 April. Unfortunately, any posters that have not been removed cannot be kept or forwarded to the owner.

The posters are categorised as follows:

- **Adrenal**
  - P1 – P66

- **Bone/Calcium**
  - P67 – P122

- **Cardiovascular Endocrinology and Lipid Metabolism**
  - P123 – P170

- **Clinical Case Reports & Clinical Practice**
  - P171 – P250

- **Comparative Endocrinology**
  - P251 – P255

- **Developmental Endocrinology**
  - P256 – P266

- **Diabetes**
  - P267 – P369

- **Endocrine Disruptors**
  - P370 – P375

- **Endocrine Tumours & Neoplasia**
  - (Generously supported by Novartis)
  - P376 – P457

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**Saizen**

Prescribing Information: Active substance: recombinant human growth hormone (r-hGH) produced by genetically engineered mammalian cells (mouse C127). Somatropin is a singlechain, non-glycosylated protein of 191 amino acids with two disulfide bridges. Description of the drug product: Sterile, non-pyrogenic GH for injection, white lyophilised powder in monodose strengths 1.33 mg and 4 multidose strengths - Saizen® 3.33 mg, 5 mg (US and Canada only), 10 mg (US only), 30 mg (US and Canada and USA, the 10% overtiff is declared in the label of the strength). Indications: Saizen® is approved in children for the treatment of growth failure due to growth disturbance in short children born Small for Gestational Age (SGA). Saizen® is also indicated in adult GH deficiency. Indications registered vary from country to country. Please refer to the approved country specific labelling to know which of those indications are approved. Contraindications: In children in whom epiphyseal fusion has occurred, if hypersensitivity to somatropin or any of the excipients is known, inpatients with active neoplasia, in cases with evidence of any progression or recurrence of an underlying intra-cranial lesion, in patients with acute critical illness suffering complications following open heart surgery, abdominal surgery, multiple accident trauma, acute respiratory failure or similar conditions. Unusual side effects: Common (1/100-1/10): injection site reactions (fracture and laceration), localised lipatrophy. Common (1/100-1/100) in adults, Uncommon in children (1/1000-1/100): Fluid retention, peripheral oedema, stiffness, arthralgia, myalgia, paraesthesia. Uncommon (1/1000-1/1000): Cephalalgia, intracranial hypertension, intracranial lesion; intra-cranial underlying an of recurrence or progression. In children under 3 years of age, under 10% of the incidence of hyperglycemia is determined; not Frequency hyperglycemia

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You are invited to attend the poster sessions, which are scheduled to take place at lunchtime on Sunday 25, Monday 26 & Tuesday 27 April.

The posters will be presented by their authors as follows:

**Sunday 25 April 2010**
- Adrenal
  - P1 – P22
- Bone/Calcium
  - P67 – P85
- Cardiovascular Endocrinology and Lipid Metabolism
  - P123 – P138
- Clinical Case Reports & Clinical Practice
  - P171 – P197
- Comparative Endocrinology
  - P251 – P252
- Developmental Endocrinology
  - P256 – P260
- Diabetes
  - P267 – P301
- Endocrine Disruptors
  - P370 – P373
- Endocrine Tumours & Neoplasia
  - P376 – P403
- Female Reproduction
  - P458 – P475
- Growth Factor
  - P502 – P508
- Male Reproduction
  - P517 – P525
- Neuroendocrinology & Pituitary
  - P545 – P586
- Obesity
  - P670 – P719
- Signal Transduction
  - P720 – P725
- Steroid Metabolism & Action
  - P726 – P744
- Thyroid
  - P745 – P785

**Monday 26 April 2010**
- Adrenal
  - P23 – P44
- Bone/Calcium
  - P86 – P103
- Cardiovascular Endocrinology and Lipid Metabolism
  - P139 – P153
- Clinical Case Reports & Clinical Practice
  - P198 – P223
- Comparative Endocrinology
  - P253 – P255
- Developmental Endocrinology
  - P261 – P266
- Diabetes
  - P302 – P332
- Endocrine Disruptors
  - P374 – P375
- Endocrine Tumours & Neoplasia
  - P404 – P430
- Female Reproduction
  - P476 – P490
- Growth Factors
  - P509 – P516
- Male Reproduction
  - P526 – P535
- Neuroendocrinology & Pituitary
  - P587 – P628
- Obesity
  - P696 – P710
- Signal Transduction
  - P724 – P725
- Steroid Metabolism & Action
  - P732 – P739
- Thyroid
  - P745 – P866

**Tuesday 27 April 2010**
- Adrenal
  - P45 – P66
- Bone/Calcium
  - P104 – P122
- Cardiovascular Endocrinology and Lipid Metabolism
  - P154 – P170
- Clinical Case Reports & Clinical Practice
  - P224 – P250
- Comparative Endocrinology
  - P333 – P369
- Developmental Endocrinology
  - P431 – P457
- Diabetes
  - P491 – P501
- Endocrine Disruptors
  - P536 – P544
- Endocrine Tumours & Neoplasia
  - P629 – P669
- Female Reproduction
  - P711 – P719
- Growth Factors
  - P740 – P744
- Male Reproduction
  - P786 – P826
- Neuroendocrinology & Pituitary
  - P786 – P866
- Obesity
  - P827 – P866

All posters nominated for an ESE Poster Prize will be specially marked on the poster board. Judging will take place during the attended poster sessions and the prizes will be awarded during the awards session at 17:15 on Tuesday 27 April in the Main Auditorium.
Prague
Prague is the most precious Czech historical city site. It came into existence as a town when after 870 Prague Castle was built. In the 11th century, the first Czech King, Vratislav I, chose Prague as his capital. The city has always played an important part in the history of the nation, country and Europe. Since medieval times, Prague has been known as one of the most beautiful cities in the world.

Prague Congress Centre
The Prague Congress Centre is one of the largest and best equipped European centres. The Centre has at its disposal 20 halls and 50 meeting rooms, with a capacity from 12 to over 2500 persons.

The Congress Centre enjoys a unique location on one of Prague’s hills, and is one of the dominant features of the capital of the Czech Republic. From here you can view the wonderful panorama of Prague over the river Vltava and the surrounding widespread parks, reflecting the silhouette of Prague Castle and its many steeples and towers of churches, cathedrals, palaces, and the ancient buildings of the nearby historic centre.

Prayer Room
A prayer room will be available throughout the congress. Please ask at the registration desk for its location.

Registration
The registration desk will open on Saturday 24 April 2010 at 12:00 on level one of the PCC, and will be open throughout the meeting.

Security
Please wear your badge at all times. Entrance will not be permitted to delegates who are not wearing their badge.

Your badge will carry a unique bar code relevant to your registration. You may be asked by exhibiting representatives if they are able to scan your bar code so that they can contact you after the event, this is at your own discretion. Some sessions may also require your badge to be scanned, this is for demographic analysis only.

Delegates are advised to look after their own belongings, as neither the European Society of Endocrinology nor the PCC can be held responsible for any loss. A cloakroom is available for your use at the PCC, but items are left at your own risk.

Slide Preview Room
The slide preview facility will be located in Club Room C on level one of the PCC. Speakers will be directed to this room from the registration desk to upload their presentations. You will not be able to present your talk using your own computer.

Tourist Information
For information about the City of Prague, please visit the Guarant desk in the registration area on level one of the PCC.

Transport Links
Prague has a very sophisticated subway, tram and bus transportation system. The Prague underground is fairly new and runs efficiently. In the peak hours trains run every 1 or 2 minutes, and during off-peak hours trains run at least every 10 minutes. You can find more information about Prague public transport from http://www.dpp.cz.

In the city centre, taxis are easy to hail from the street but we strongly recommend using hotel taxis or to telephone for a taxi. Congress staff will be happy to assist you with taxi service at the Prague Congress Centre.

Boarding charge: approx. 40 CZK/1 drive
Journeys within the city: approx. 30 CZK/1 kilometre
Waiting time: approx. 10 CZK/1 minute
Welcome to Scotland
26-30 JUNE 2010
GLASGOW SCOTLAND

The 2010 Cutting Edge Meeting in Basic, Translational and Clinical Bone and Mineral Research

PROGRAMME HIGHLIGHTS:

➤ Seven symposia
   Bone and fat
   Bone and muscle
   Bone and blood vessels
   Bone and bone marrow
   Osteocytes and mineral metabolism
   Micro RNAs in bone biology
   Bone and gut
➤ Six workshops
   Advances in imaging of the spine
   Wnt signaling in health and disease
   Circadian rhythms: impact on bone cells and markers
   New approaches in osteoarthritis
   Cortical bone in health and disease
   New approaches to PTH anabolic treatment: calcilytics
➤ The annual ECTS/ASBMR debate with Cyrus Cooper (UK) and Michael McClung (USA) debating whether there is need for further development of osteoporosis treatments.
➤ A comprehensive programme of Meet-the-Professor sessions
➤ A dedicated session for Allied Health Professionals
➤ Several Clinical Satellite Symposia with the latest in clinical trials

www.ectsoc.org

SOCIAL PROGRAMME

Opening Ceremony
Saturday 24 April, 17:30
The Opening Ceremony of ECE 2010 will be held at the PCC in the main auditorium. The Opening Ceremony will consist of the Geoffrey Harris Prize Lecture, the European Journal for Endocrinology Prize Lecture and a welcome to Prague with entertainment which will be provided by the traditional Czech dance group Rosenka.

Welcome Reception
Saturday 24 April, 19:30
The Quartetto Telemann will play in the exhibition hall whilst drinks and light snacks will be available to all.

Informal Social Evening
On Monday 26 April, ECE 2010 delegates are invited to attend an informal social evening for dinner and light entertainment at the Klasterni Grand Monastery Restaurant in Prague.

Upon arrival at the restaurant, guests will receive a traditional Czech aperitif, followed by a three-course meal including traditional Bohemian specialities, delivered to each table. The feast is prepared in front of restaurant guests, and the head chef serves meat dishes on historic swords from the reign of Charles IV. The beer served by the restaurant comes from the Monastery brewery and the wine comes from the Czech Republic’s own Moravian Premonstratensian cellars and bears the name of the founder of the order - Saint Norbert.

The meal will be accompanied by some light entertainment from the Kettners Small Band and a DJ.

Buses will depart from the PCC between 19:30 and 20:30 and return from the Monastery starting at 22:30 with the last coach leaving at 00:00.

There are a limited number of places at the ECE 2010 informal social evening, and tickets will include return transport from the PCC, dinner and entertainment.

Tickets are priced at €50 each. Subject to availability, tickets may be available for purchase at the registration desk.
Targeting hyponatraemia secondary to SIADH

Indication: Treatment of adult patients with hyponatraemia secondary to syndrome of inappropriate antidiuretic hormone secretion (SIADH). Please report Adverse Drug Reactions to Otsuka Pharmaceutical Europe Ltd. Pharmacovigilance Department on telephone: +44 (0)1895 207100 (including out-of-hours), fax: +44 (0)1895 207115. Prescribers are recommended to consult the summary of product characteristics before prescribing, particularly in relation to side effects, precautions and contraindications. Prescribing information is available on request from: OtsukaMedicalEurope@otsuka-europe.com. Marketing Authorisation Holder: Otsuka Pharmaceutical Europe Ltd., Hunton House, Highbridge Business Park, Oxford Road, Uxbridge, Middlesex, UB8 1HU, UK. Legal Category: POM.
07:00-20:00 Registration

07:00-08:15 Satellite Symposia:
Controversial issues in acromegaly
Chair: E. Ghigo (Italy)
FORUM HALL
SPONSORED BY

Faculty presentations will be based on a pre-congress e-poll to congress attendees.

08:30-10:00 Symposium 1:
European networks
Chairs: E. Nieschlag (Germany) & J. Christiansen (Denmark)
MAIN AUDITORIUM

17:30-19:30 Opening Ceremony
MAIN AUDITORIUM

17:30 Introduction and welcome
Chair: E. Nieschlag (Germany)

17:45 Geoffrey Harris Prize Lecture
Chair: E. Nieschlag (Germany)
Transgenes and physiology in the Growth Hormone axis: a view from the portal
I. Robinson (UK)

18:45 European Journal of Endocrinology Prize Lecture
Chair: C. Strasburger – EJE Editor-in-Chief (Germany)
Translating bone cell biology into clinical practice: target identified as RANK ligand
L. Hofbauer (Germany)

19:30-22:00 Welcome Reception
EXHIBITION HALL

08:30 S1.1 Endocrinology of the Aging Male - The European Male Ageing Study (EMAS) Study
F. Wu (UK)

08:45 S1.2 NECTAR - Network for Environmental Chemical Toxicants Affecting Reproduction
J. Toppari (Finland)

09:00 S1.3 EUGOGO
W. Wiersinga (The Netherlands)

09:15 S1.4 The EuroDSD project and consortium
O. Hiort (Germany)

09:30 S1.5 EurAdrenal
E. Husebye (Norway)

09:45 S1.6 The European Registry on Cushing’s Syndrome (ERCUSYN) Database: first year experience
S. Webb (Spain)
**SCIENTIFIC PROGRAMME**
**SUNDAY 25 APRIL**

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08:30–10:00  **Symposium 2:**  
Endocrine aspects of the metabolic syndrome  
*Chairs: F. Casanueva (Spain) & D. Micic (Serbia)*  
MEETING HALL I  
08:30   S2.1  
Brain-adipose and brain-liver connections in the metabolic syndrome  
*E. Fliers (The Netherlands)*  
08:50   S2.2  
Combined GH and IGF-1 treatment  
*D. Dunger (UK)*  
09:10   S2.3  
Unacylated ghrelin: a metabolic hormone  
*R. Granata (Italy)*  
09:30   S2.4  
Testosterone treatment in the metabolic syndrome  
*G. Corona (Italy)*  

08:30–10:00  **Symposium 3:**  
Bone cell biology  
*Chairs: P. Broulik (Czech Republic) & J. Payer (Slovakia)*  
PANORAMA HALL  
08:30   S3.1  
Skeletal stem cells and mechanisms of bone formation  
*M. Kassem (Denmark)*  
09:00   S3.2  
Cross talks between leptin and the skeleton  
*T. Thomas (France)*  
09:30   S3.3  
The role of the hypothalamic-pituitary-thyroid axis in bone  
*D. Bassett (UK)*  

10:00–10:15  **Coffee Break and Exhibition**  
EXHIBITION HALL  

10:15–11:00  **Plenary Lecture 1**  
*Chairs: M. Alevizaki (Greece) & B. Jarzab (Poland)*  
MAIN AUDITORIUM  
10:15   PL1  
Twenty years' experience with post-Chernobyl thyroid cancer  
*D. Williams (UK)*  

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11:00–11:15  **Presidential Address**  
MAIN AUDITORIUM  

11:15–12:45  **Symposium 4:**  
The ageing male  
*Chairs: F. Wu (UK) & G. Forti (Italy)*  
MAIN AUDITORIUM  
11:15   S4.1  
Genetic aspects of ageing in men  
*I. Huhtaniemi (Finland)*  
11:45   S4.2  
Osteoporosis in the aging male  
*D. Vanderschueren (Belgium)*  
12:15   S4.3  
The natural history of symptomatic androgen deficiency in men: Longitudinal results from the Massachusetts Male Aging Study  
*T. Travison (USA)*  

11:15–12:45  **Symposium 5:**  
Novel targets for thyroid cancer treatment  
*Chairs: F. Borson-Chazot (France) & J. Cap (Czech Republic)*  
FORUM HALL  
11:15   S5.1  
Novel targets for thyroid cancer treatment  
*C. Spitzweg (Germany)*  
11:45   S5.2  
Molecular mechanisms in thyroid cancer  
*M. Santoro (Italy)*  
12:15   S5.3  
Tyrosine kinase inhibitors in thyroid cancer  
*J. Smit (The Netherlands)*  

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*SUNDAY*
11:15–12:45  **Symposium 6:**
*Neuroendocrine control of reproduction*

*Chairs: J. Castano (Spain) & R. Millar (UK)*

**MEETING HALL I**

11:15  **S6.1**  Sexual differentiation of hypothalamic Kiss1 neurons
_A.S. Kauffman (USA)_

11:35  **S6.2**  KNDy (kisspeptin/neurokinin B/dynorphin) cells of the arcuate nucleus: a central node in the control of GnRH secretion
_M.N. Lehman (Canada)_

11:55  **S6.3**  Consequences of non-classical ERα signaling in brain
_J. Levine (USA)_

12:15  **S6.4**  Insulin regulation of reproductive brain: rodent and human studies
_F. Pralong (Switzerland)_

**11:15–12:45  Oral Communications 1**

**Diabetes & Obesity**

*Chair: V. Hana (Czech Republic) & Ilze Konrade (Latvia)*

**PANORAMA HALL**

11:15  **OC1.1**  Role of newly identified immunosuppressive NK cells in autoimmunity
_Margret Ehlers_

11:30  **OC1.2**  Glucose insulino tropic peptide (GIP) secretion in Type 2 diabetic and obese non-diabetic persons examined by meal test
_Jan Škrha_

11:45  **OC1.3**  NME7 - a new candidate gene for T2DM
_Josef Vcelak_

12:00  **OC1.4**  The effect of statin therapy on testosterone levels in subjects consulting for erectile dysfunction
_Giovanni Corona_

12:15  **OC1.5**  Role of PKA regulatory subunit R2B in murine and human adipocyte differentiation
_Federica Ermetici_

12:30  **OC1.6**  Variation in response to exercise in type 2 diabetes associated to VEGFA and PGC1-alfa expression
_Henrik Wagner_

13:00–14:30  **Lunch & Exhibition**

**EXHIBITION HALL**

**ESE President meets ESE Affiliated Society Presidents (invitation only)**

**MEETING HALL V**

13:00–15:30  **Poster Session:**

*Talk to me!*

**CONGRESS HALL FOYER 3**

*(Access using stairs in exhibition hall)*

13:00–14:30  **Debate 1:**

*When should we treat transsexualism / gender dysphoria?*

*Chair: O. Hiort (Denmark)*

*During puberty: H. Delemarre-van de Waal (The Netherlands)*

*After puberty: G. T’Sjoen (Belgium)*

**MAIN AUDITORIUM**

13:00–14:00  **Meet the Expert 1:**

*Delayed puberty in boys*

_E. Malecka-Tendera (Poland)*

**FORUM HALL**

13:00–14:00  **Meet the Expert 2:**

*Primary hyperaldosteronism*

_J. Widimsky (Czech Republic)*

**MEETING HALL I**
**13:00–14:00** Meet the Expert 3:
The expanding phenotype of adult Turner syndrome
*C. Gravholt (Denmark)*
PANORAMA HALL

**13:00–14:00** Meet the Expert 4:
Disorders of sexual development (DSD)
*L. Hughes (UK)*
MEETING HALL IV

**14:30–15:30** Meet the Expert 5:
How do you choose your treatment in inoperable pancreatic NET?
*B. Kos-Kudla (Poland)*
FORUM HALL

**14:30–15:30** Meet the Expert 6:
Management of Graves' ophthalmopathy
*G. Krassas (Greece)*
MEETING HALL I

**14:30–15:30** Meet the Expert 7:
Cushing's syndrome
*M. Boscaro (Italy)*
PANORAMA HALL

**14:30–15:30** Meet the Expert 8:
Hyponatraemia: diagnosis and novel treatments
*C. Thompson (Ireland)*
MEETING HALL IV

**15:30–17:00** Symposium 7:
Approaches to preservation of gonadal function after cancer therapy
*Chairs: S. Christin-Maitre (France) & A. Milewicz (Poland)*
MAIN AUDITORIUM

15:30  S7.1  Ovarian transplantation
*C.Y. Andersen (Denmark)*

16:00  S7.2  ART/IVF and cryopreservation
*M. von Wolff (Germany)*

16:30  S7.3  Ova cryopreservation
*A. Borini (Italy)*

**15:30–17:00** Symposium 8:
Endocrine tumours: new genes and association with syndromes
*Chairs: J. Bertherat (France) & K. Pacak (Czech Republic)*
FORUM HALL

15:30  S8.1  Pituitary adenoma predisposition caused by AIP germline mutations
*L. Aaltonen (Finland)*

16:00  S8.2  New multiple endocrine neoplasias: endocrine tumours associated with gastrointestinal stromal tumours (GISTs)
*C. Stratakis (USA)*

16:30  S8.3  Update on familial pituitary tumours: from multiple endocrine neoplasia type 1 to familial isolated pituitary adenoma
*A. Beckers (Belgium)*
15:30-17:00 Symposium 9: The role of oxidative stress in the development of the metabolic syndrome

Chairs: A. Sjoholm (Sweden) & C. Meier (Switzerland)

MEETING HALL I

15:30 S9.1 Mitochondrial dysfunction and insulin resistance
M. Roden (Germany)

16:00 S9.2 Macrophage dysfunction and insulin resistance
P. Kovanen (Finland)

16:30 S9.3 Marked improvement of insulin resistance by reduced AGE intake; a non-pharmacologic, non-nutrient based intervention for type 2 diabetes
H. Vlassara (USA)

15:30-17:00 Oral Communications 2

Thyroid

Chair: Z. Limanova (Czech Republic) & A. Gursoy (Turkey)

PANORAMA HALL

15:30 OC2.1 Calcitonin screening and pentagastrin testing: predictive value for diagnosis of medullary carcinoma in nodular thyroid disease
Burkhard Herrmann

15:45 OC2.2 Systemic sodium iodide symporter (NIS) gene transfer in hepatocellular carcinoma using EGF-receptor targeted non-viral gene delivery vectors
Kathrin Klutz

16:00 OC2.3 Allelic discrimination in the diagnosis of somatic BRAF V600E mutation on fine-needle aspiration biopsies
Mattia Buratto

16:15 OC2.4 Polyglandular autoimmunity in autoimmune thyroid disease behaves differently from polyglandular autoimmunity in type 1 diabetes
Janneke Wiebolt

16:30 OC2.5 Thyroid dysfunction related abnormalities in adiponectin and glucose metabolism before and after treatment
Didem Ozdemir

16:45 OC2.6 Percutaneous Laser Ablation (PLA) in non-functioning benign thyroid nodules: a 3-year follow-up study.
Roberto Valcavi

17:00-17:15 Coffee Break and Exhibition
EXHIBITION HALL

17:15-18:00 Plenary Lecture 2

Chairs: J. Toppari (Finland) & E. Diamanti-Kanarakis (Greece)

MAIN AUDITORIUM

17:15 PL2 Testicular dysgenesis and endocrine disruptors
N. Skakkebaek (Denmark)

18:15-19:45 Satellite Symposium:
Progress in the management of postmenopausal osteoporosis

Chairs: P. Lakatos (Hungary) & B. Langdahl (Denmark)

PANORAMA HALL

18:15 Welcome from the chairs
Peter Lakatos & Bente Langdahl

18:15 RANK Ligand - from molecular discovery to a novel understanding of osteoporosis
Lorenz Hofbauer (Germany)

18:45 RANK Ligand inhibition with denosumab in the clinical setting
Silvano Adami (Italy)

19:10 Discussion

19:45 Close of meeting
08:00–20:00 Registration

08:45–10:15 Symposium 10:
Novel aspects in the treatment of bone disease
Chairs: D. Bassett (UK) & L. Hofbauer (Germany)

08:45 S10.1 Principles of bone biology (the major pathways, RANKL, SOST, Wnt etc)
G. Russell (UK)

09:15 S10.2 Preclinical and clinical effects of RANK ligand inhibition
S. Ferarri (Switzerland)

09:45 S10.3 Teriparatide and parathyroid hormone in the treatment of osteoporosis
M. Kraenzlin (Switzerland)

08:45–10:15 Symposium 11:
Premature ovarian failure (POF)
Chairs: C. Andersen (Denmark) & J. Young (France)

08:45 S11.1 A pivotal role for NR5A1 in human reproductive processes
A. Bashamboo (France)

09:05 S11.2 Premature ovarian failure due to overactivation of primordial follicles in mice
K. Liu (Sweden)

09:25 S11.3 Ovarian AMH - implications for the diagnosis of premature ovarian failure
A. Themmen (The Netherlands)

09:45 S11.4 Genetic defects in ovarian growth/differentiation factors
L. Persani (Italy)
08:45-10:15 Symposium 12:
Thyroid hormone metabolism and action: new developments

Chairs: J. Koehrle (Germany) & A. Aranda (Spain)

MEETING HALL I

08:45 S12.1 Thyroid hormone transporters
E. Friesema (The Netherlands)

09:05 S12.2 Life without T4 to T3 conversion
V. Galton (USA)

09:25 S12.3 Thyroid hormone signaling in the heart
W. Simonides (The Netherlands)

09:45 S12.4 Significance of thyroid receptor alpha in metabolism
J. Mittag (Sweden)

08:45-10:15 Oral Communications 3
Pituitary

Chair: P. Vlcek (Czech Republic) & F. Kelestimur (Turkey)

PANORAMA HALL

08:45 OC3.1 Sgk1 effects on POMC transcription and ACTH release are opposite to those of glucocorticoids
Marie Helene Reiter

09:00 OC3.2 Copeptin, an arginine vasopressin (AVP) marker, as a diagnostic aid in SIADH of cancer
Kashinath Dixit

Nieke Kokshoorn

09:30 OC3.4 Influence of the d3-GH receptor polymorphism on the metabolic and biochemical phenotype of GH deficient adults at baseline and during short- and long-term rhGH replacement therapy.
Claudia Giavoli

09:45 OC3.5 Cortisol, but not ACTH/CRH, increases circulating ghrelin in man
Ibrahim Azzam

10:00 OC3.6 Young patients with sporadic macroadenomas as target population for AIP mutations screening
Maria Tichomirowa

10:15-11:00 Plenary Lecture 3
Chairs: I. Huhtaniemi (UK) & M. Tena-Sempere (Spain)

MAIN AUDITORIUM

10:15 PL3 Hypothalamic regulation of Gonadotrophin secretion
R. Millar (UK)

11:00-11:15 Coffee Break and Exhibition
EXHIBITION HALL

11:15-12:45 Symposium 13:
The TSH reference range

Chairs: P. Laurberg (Denmark) & I. Zosin (Romania)

MAIN AUDITORIUM

11:15 S13.1 Determinants of the TSH reference range
H. Voelzke (Germany)

11:35 S13.2 Health outcomes related to TSH values within the reference range
B. Asvold (Norway)

11:55 S13.3 A critical synopsis of current meta-analyses in the field of subclinical thyroid disease
B. Velkeniers (Belgium)

12:15 S13.4 Solving the dilemma: what to do as a simple clinician
S. Mariotti (Italy)
11:15–12:45  Symposium 14:  
**Novel actions of vitamin D**  
*Chairs: M. Pfeifer (Slovenia) & M. Kraenzlin (Switzerland)*  
**FORUM HALL**  
11:15  S14.1  Vitamin D and diabetes  
*C. Mattieu (Belgium)*  
11:35  S14.2  Vitamin D and wnt signalling in colon cancer  
*A. Munoz (Spain)*  
11:55  S14.3  Vitamin D dependent anti-microbio pathways  
*M. Hewison (USA)*  
12:15  S14.4  Vitamin D and differentiation of mesenchymal stem cells and osteoblasts  
*H. van Leeuwen (The Netherlands)*

11:15–12:45  Symposium 15:  
**Wnt signalling**  
*Chairs: M. Tena-Sempere (Spain) & C. Stratakis (USA)*  
**MEETING HALL I**  
11:15  S15.1  Wnt/beta-catenin controls stem cells in regeneration and tumor formation  
*W. Birchmeier (Germany)*  
11:45  S15.2  Wnt signaling and the metabolic syndrome  
*S. Schinner (Germany)*  
12:15  S15.3  Adipogenesis, diabetes and wnt signaling  
*J. Sethi (UK)*

11:15–12:45  Oral Communication Highlights 1  
*Chairs: W. Arlt (UK) & A. Tsatsoulis (Greece)*  
**PANORAMA HALL**  
11:15  H1.1  PEX11beta deficiency impaired ossification by indirectly activating PPARgamma expression and diminishing Runx2 activity  
*Guofeng Qian*  
11:30  H1.2  Novel pathogenetic pathways of adrenocortical tumors revealed by meta-analysis of genomics data  
*Peter Igaz*

11:45  H1.3  **ESE Young Investigator Award**  
Frequent phosphodiesterase 11a (pde11a4) gene mutations in patients with carney complex (cnc) due to prkar1a mutations and adrenal (pnnad) and sertoli cell tumors (lccst): a digenic disorder?  
*Rossella Libe*

12:00  H1.4  Physiological rescue by functional complementation of mutated luteinising hormone receptors in transgenic mice  
*Adolfo Rivero-Müller*

12:15  H1.5  Different genes are involved in Pendred’s Syndrome and in Enlarged Vestibular Aqueduct Syndrome  
*Valentina Cirello*

13:00–14:30  **Lunch & Exhibition**  
**EXHIBITION HALL**  
**ESE President meets new members of the ESE (invitation only)**  
**ZOOM RESTAURANT**

13:00–15:30  **Poster Session:**  
**Talk to me!**  
**CONGRESS HALL FOYER 3**  
*(Access using stairs in exhibition hall)*

13:00–14:30  **Debate 2:**  
**This house believes that it is important to investigate patients with suspected primary hyperaldosteronism**  
*Chairs: B. Allolio (Italy) & J. Widimsky (Czech Republic)*  
*For: G. Rossi (Italy)*  
*Against: K. Cruikshank (UK)*  
**MAIN AUDITORIUM**
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>13:00-14:00</td>
<td>Meet the Expert 9:</td>
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<tr>
<td></td>
<td>Primary hyperparathyroidism: when to intervene?</td>
<td>C. Marcocci (Italy)</td>
<td>FORUM HALL</td>
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<td>13:00-14:00</td>
<td>Meet the Expert 10:</td>
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<td>High throughput mouse phenotyping with metabolomics</td>
<td>J. Adamski (Germany)</td>
<td>MEETING HALL I</td>
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<td>13:00-14:00</td>
<td>Meet the Expert 11:</td>
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<td>Clinical approach to male infertility</td>
<td>C. Krausz (Italy)</td>
<td>PANORAMA HALL</td>
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<td>13:00-14:00</td>
<td>Meet the Expert 12:</td>
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<td></td>
<td>The Zebrafish model</td>
<td>V. Laudet (France)</td>
<td>MEETING HALL IV</td>
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<td>14:30-15:30</td>
<td>Meet the Expert 13:</td>
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<td></td>
<td>Subclinical hypothyroidism: to treat or not to treat</td>
<td>V. Fadeyev (Russia)</td>
<td>FORUM HALL</td>
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<td>14:30-15:30</td>
<td>Meet the Expert 14:</td>
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<td>Practical management of diabetes</td>
<td>J. Vassallo (Malta)</td>
<td>MEETING HALL I</td>
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<td>14:30-15:30</td>
<td>Meet the Expert 15:</td>
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<td></td>
<td>Genetic and genomic studies in endocrinology</td>
<td>A. Uitterlinden (The Netherlands)</td>
<td>MEETING HALL IV</td>
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<td>14:30-15:30</td>
<td>Meet the Expert 16:</td>
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<td>Secondary osteoporosis</td>
<td>J. Stepan (Czech Republic)</td>
<td>PANORAMA HALL</td>
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<td>15:30-17:00</td>
<td>Symposium 16:</td>
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<td></td>
<td>Hot topics in pituitary disease</td>
<td>C. Strasburger (Germany) &amp; G. Lombardi (Italy)</td>
<td>MAIN AUDITORIUM</td>
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<tr>
<td>15:30 S16.1</td>
<td>Pros and cons of large scale screening of Cushing's syndrome</td>
<td>A. Tabarin (France)</td>
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<td>16:00 S16.2</td>
<td>The safety of dopamine agonists-clinical perspective</td>
<td>A. Pereira (The Netherlands)</td>
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<td>16:30 S16.3</td>
<td>Problems with GH and IGF-1 assays: progress?</td>
<td>M. Bidlingmaier (Germany)</td>
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<td>15:30-17:00</td>
<td>Symposium 17:</td>
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<td>Genetic basis of infertility: clinical studies and animal models</td>
<td>P. Bouchard (France) &amp; K. Liu (Sweden)</td>
<td>FORUM HALL</td>
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<tr>
<td>15:30 S17.1</td>
<td>Genetically modified mouse models for the analysis of reproductive disorders</td>
<td>W. Colledge (UK)</td>
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<td>16:00 S17.2</td>
<td>Neurokinin B signalling in human puberty</td>
<td>A.K. Topaloglu (Turkey)</td>
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<td>16:30 S17.3</td>
<td>Genetics of Kallmann syndrome</td>
<td>C. Dode (France)</td>
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<td>15:30-17:00</td>
<td>Oral Communications 4</td>
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<td>Adrenals</td>
<td>S. Tsagarakis (Greece) &amp; E. Husebye (Norway)</td>
<td>MEETING HALL I</td>
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**MONDAY 26 APRIL**

**SCIENTIFIC PROGRAMME**

**FORUM HALL**

**MEETING HALL I**

**MEETING HALL IV**

**MAIN AUDITORIUM**

**PANORAMA HALL**
15:30 OC4.1 Subtype differentiation in primary hyperaldosteronism – evaluation of alternative algorithms avoiding a controversial gold standard  
Katharina Lang

15:45 OC4.2 ESE Young Investigator Award  
A mouse model with hyperaldosteronism carrying an ENU induced mutation on chromosome 9  
Ariadni Spyroglou

16:00 OC4.3 Novel mutations in the glucocorticoid receptor gene: from familial bilateral adrenal hyperplasia to glucocorticoid receptor haploinsufficiency  
Jacques Young

16:15 OC4.4 Combined anticortisolic therapy by metyrapone, ketoconazole and mitotane: an alternative to adrenalectomy in severe Cushing’s syndrome  
Peter Kamenicky

16:30 OC4.5 Effects of mitotane on testicular adrenal rest tumors size, sperm count and adrenal steroidogenesis in patients with congenital adrenal hyperplasia due to 21-hydroxylase deficiency  
Anne Bachelot

16:45 OC4.6 Serum cortisol predicts increased cardiovascular mortality in patients with acute coronary syndrome  
Andreas Tomaschitz

15:30-17:00 Oral Communication Highlights 2  
Chairs: P. Beck-Peccoz (Italy) & P. Igaz (Hungary)  
PANORAMA HALL

15:30 H2.1 ESE Young Investigator Award  
The endocannabinoid action in the regulation of energy balance is mainly due to the CB1 receptor in the forebrain neurons  
Carmelo Quarta

15:45 H2.2 Human recombinant GH replacement therapy in children with pseudohypoparathyroidism type Ia and GH deficiency: first study on the effect on growth  
Giovanna Mantovani

16:00 H2.3 ESE Young Investigator Award  
Subtle cognitive impairments in patients with long-term cure of Cushing’s disease  
Jitske Tiemensma

16:15 H2.4 TAC3 and TACR3 “knockouts” cause hypothalamic congenital hypogonadotropic hypogonadism in humans  
Jacques Young

16:30 H2.5 Effects of leptin administration on starvation-induced alterations in hepatic thyroid hormone metabolism in mice.  
Anita Boelen

17:00-17:15 Coffee Break and Exhibition  
EXHIBITION HALL

17:15-18:00 Plenary Lecture 4  
Chairs: W. Wiersinga (The Netherlands) & TBC  
MAIN AUDITORIUM

18:15-19:45 Satellite Symposium:  
Understanding and management of primary hyperparathyroidism: anything new?  
Chair: John Bilezikian (USA)  
PANORAMA HALL  
SPONSORED BY AMGEN

18:15 Welcome from the chair  
John Bilezikian (USA)

18:20 PHPT: prevalence and clinical presentation today  
Jens Bollerslev (Norway)

18:50 Non-traditional features of modern PHPT  
John Bilezikian (USA)

19:20 Management of PHPT: What matters most?  
Claudio Marcocci (Italy)

19:45 Close of meeting
18:15-19:45 Satellite Symposium:
**Clinical insights on pituitary tumours**
*Chair: Michael Sheppard (UK)*
**FORUM HALL**
*SPONSORED BY NOVARTIS*

18:15 A review of current practice and outcomes for patients with pituitary tumors
*Michael Sheppard (UK)*

18:45 Achieving optimal outcomes for the patient with Acromegaly
*Anna Maria Colao (Italy)*

19:15 Strategies for improving outcomes for the patient with Cushings disease
*Richard Feelders (The Netherlands)*

18:15-19:45 Satellite Symposium:
**Hyponnaemia: is treatment necessary? An interactive forum.**
*Chair: Paulo Beck-Peccoz*
**MEETING HALL I**
*SPONSORED BY OTSUCA*

18:15 Welcome and introduction
*Paulo Beck-Peccoz*

18:20 Mild and moderate hyponatraemia—is treatment necessary?
*Chris Thompson*

18:45 New approaches to the diagnosis of hyponatraemia
*Bruno Allolio*

19:05 Considering new treatments in the management of hyponatraemia: Case study highlights
*Joseph Verbalis*

19:35 Questions and answers

20:30 ECE 2010 Informal Social Evening
**KLASTERNI GRAND MONESTARY**
08:45–10:15 Young Active Research (YAR) Symposium
The way to human metabolic diseases
Chairs: S. Schmid (Germany) & D.M. Schulte (Germany)
PANORAMA HALL
08:45 Welcome & introduction to YAR (DGE – ESE) S. Schmid (Germany)
08:50 Relationship between metabolic parameters and central dopaminergic activity in healthy men
L. Brunerova (Czech Republic)
09:00 Novel syndromes of abnormal insulin sensitivity - lessons for common disease
R. Semple (UK)
09:30 The GG genotype of the G-11391A ADIPOQ polymorphism might be a risk factor for development of type 2 diabetes mellitus in women.
J. Polsak (Poland)
09:40 Adipose tissue development and human metabolic disease
M. Laudes (Germany)
10:10 Closing & invitation to the YAR meeting 2010 in Dusseldorf, Germany
D. Shulte (Germany)
10:15–11:00 Plenary Lecture 5
Chairs: M. Haluzik (Czech Republic) & A. Sjoholm (Sweden)
MAIN AUDITORIUM
10:15 PL5 Discovery and relevance of the Incretin System
D. Drucker (Canada)
11:00–11:15 Coffee Break and Exhibition
EXHIBITION HALL
11:15–12:45 Symposium 20:
The endocrine incidentaloma
Chairs: J. Marek (Czech Republic) & V. Popovic (Serbia)
MAIN AUDITORIUM
11:15 S20.1 The endocrine incidentaloma
P. Vitti (Italy)
11:45 S20.2 Pituitary incidentalomas
M. Coculescu (Romania)
12:15 S20.3 Adrenal incidentalomas
S. Tsagarakis (Greece)
11:15–12:45 Symposium 21:
The cardiometabolic interface
Chairs: V. Pirags (Latvia) & E. Fliers (The Netherlands)
FORUM HALL
11:15 S21.1 Endothelial dysfunction in type 2 diabetes
T. Nystrom (Sweden)
11:45 S21.2 Role of PPAR signalling in diabetic dyslipidemia
B. Staels (France)
12:15 S21.3 Mechanism and treatment of diabetic dyslipidemia
M. Vrablik (Czech Republic)
11:15–12:45 Symposium 22:
MicroRNAs in endocrinology
Chairs: S. Costagiola (Belgium) & J. Kruetzfeldt (Switzerland)
MEETING HALL I
11:15 S22.1 MicroRNAs in biology
H. Leffers (Denmark)
11:45 S22.2 MicroRNAs in thyroid cancer
K. Jazdzewski (Poland)
12:15 S22.3 The role of microRNAs in hormone signaling
D. Picard (Switzerland)
11:15-12:45  Oral Communications 5
Reproduction & Thyroid
Chairs: M. Simoni (Italy) & V. Zamrazil (Czech Republic)
PANORAMA HALL

11:15  OC5.1  Therapeutic concentrations of mitotane inhibit thyrotroph cell viability and TSH secretion in a mouse cell line model
Erica Gentilin

11:30  OC5.2  The influence of cure of subclinical hyperthyroidism on diastolic diameters of heart chambers and cardiac index
Grzegorz Kaminski

11:45  OC5.3  Socio-economic factors and mortality in Turner syndrome - a registry study
Kirstine Stochholm

12:00  OC5.4  One hormone, two functions - the chorionic gonadotropin in New World Monkeys
Christian Adams

12:15  OC5.5  Predictive factors of intermittent ovarian function in patients with premature ovarian failure
Maud Bidet

12:30  OC5.6  Universal screening detects twice more thyroid disorders in early pregnancy than targeted high-risk case finding
Jiri Horacek

13:00-14:30  Lunch and Exhibition
EXHIBITION HALL

13:00-15:30  Poster Session:
Talk to me!
CONGRESS HALL FOYER 3
(Access using stairs in exhibition hall)

13:00-14:00  Meet the Expert 2: (repeat)
Primary hyperaldosteronism
J. Widimsky (Czech Republic)
MEETING HALL I

13:00-14:00  Meet the Expert 3: (repeat)
Modern approach to the adult patient with Turner syndrome
C. Gravholt (Denmark)
PANORAMA HALL

13:00-14:00  Meet the Expert 4: (repeat)
Disorders of sexual development (DSD)
I. Hughes (UK)
MAIN AUDITORIUM

14:30-15:30  Meet the Expert 5: (repeat)
How do you choose your treatment in inoperable pancreatic NET?
B. Kos-Kudla (Poland)
FORUM HALL

14:30-15:30  Meet the Expert 6: (repeat)
Management of Graves' ophthalmopathy
G. Krassas (Greece)
MEETING HALL I

14:30-15:30  Meet the Expert 7: (repeat)
Cushing's Syndrome
M. Boscaro (Italy)
PANORAMA HALL

14:30-15:30  Meet the Expert 8: (repeat)
Hyponatraemia: diagnosis and novel treatments
C. Thompson (Ireland)
MAIN AUDITORIUM
15:30-17:00  Symposium 23:  
**Obesity: clinical manifestations and therapeutic intervention**  
*Chairs: A. Pfeifer (Germany) & A. Lewinski (Poland)*  
**MAIN AUDITORIUM**  
15:30  S23.1  Obesity: clinical manifestations and therapeutic. Does the choice of diet make any difference?  
C. Mantzoros (USA)  
16:00  S23.2  Lifestyle intervention and pharmacologic approaches to weight loss  
J. Tomlinson (UK)  
16:30  S23.3  Hormonal changes after bariatric surgery  
M. Guldstrand (Sweden)  

15:30-17:00  Symposium 24:  
**Diagnosis and treatment of endocrine malignancies**  
*Chairs: A. Tabarin (France) & G. Kaltsas (Greece)*  
**FORUM HALL**  
15:30  S24.1  Malignant pheochromocytomas or paragangliomas  
P-F. Plouin (France)  
16:00  S24.2  Diagnosis and treatment of adrenocortical carcinomas  
M. Fassnacht (Germany)  
16:30  S24.3  Parathyroid carcinomas  
B. Szende (Hungary)  

15:30-17:00  Symposium 25:  
**Non-classical responses to hormones**  
*Chairs: T. Scanlon (USA) & G. Brabant (UK)*  
**MEETING HALL I**  
15:30  S25.1  Rapid androgen action in epithelial and stromal cells.  
G. Castoria (Italy)  
15:50  S25.2  Non-classical actions of oestrogens in pancreas  
A. Nadal (Spain)  
16:10  S25.3  Protein kinase D as a modulator of aldosterone action in the kidney  
W. Thomas (Ireland)  
16:30  S25.4  Extranuclear effects of thyroid hormones  
S. Incerpi (Italy)  

15:30-17:00  Oral Communications 6  
**Bone**  
*Chairs: A. Giustina (Italy) & J. Bollerslev (Norway)*  
**PANORAMA HALL**  
15:30  OC6.1  A proteomic approach to study parathyroid glands  
Filomena Cetani  
15:45  OC6.2  Association between serum osteocalcin and insulin sensitivity in primary hyperparathyroidism  
Laura Gianotti  
16:00  OC6.3  Six novel mutations in 25-hydroxyvitamin D3 1alpha hydroxylase gene in patients with pseudovitamin D deficiency rickets.  
Genevieve Abeguilel  
16:15  OC6.4  Age-dependent features of bone mineral density changes in male rats with hyperthyroidism  
Vladyslav Povoroznyuk  
16:30  OC6.5  The ratio of PTH as measured by third and second generation assays as a marker for parathyroid carcinoma.  
Etienne Cavalier  
16:45  OC6.6  Suppression of circulating fibroblast growth factor-23 by Cinacalcet in patients with primary hyperparathyroidism  
Yasuo Imanishi  

17:00-17:15  Coffee Break and Exhibition  
**EXHIBITION HALL**
17:15-17:30  ESE Young Investigator Awards & Poster Prizes
MAIN AUDITORIUM
SPONSORED BY NOVARTIS

17:30-18:15  Plenary Lecture 6
Chairs: E. Malecka-Tendera (Poland) & I. Hughes (UK)
MAIN AUDITORIUM

17:30  PL6  Sex and SOX
R. Lovell-Badge (UK)

18:30-20:00  Annual General Meeting of the European Society of Endocrinology (ESE)
PANORAMA HALL

08:00-14:00  Registration

08:00-09:30 Symposium 26:
Adverse effects of drugs on thyroid
Chairs: M. Weissel (Austria) & L. Bartalena (Italy)
FORUM HALL

08:00  S26.1  Tyrosine kinase inhibitors and thyroid
P. Rodien (France)

08:30  S26.2  Treatment of amiodarone-induced thyrotoxicosis type 2: a RCT
S. Eskes (The Netherlands)

09:00  S26.3  Interferons and thyroid
Y. Tomer (USA)

08:00-09:30 Symposium 27:
Multifaceted aspects of neuroprotection
Chairs: M. Hill (Czech Republic) & TBC
MEETING HALL I

08:00  S27.1  Relationship between oestrogen and cholesterol in neuroprotection
A. Peri (Italy)

08:20  S27.2  Relationship between oestrogen and IGF system in neuroprotection
L.M. Garcia-Segura (Spain)

08:40  S27.3  Progesterone and the nervous system
M. Schumacher (France)

09:00  S27.4  Oestrogen and corticotropin releasing hormone: two hormones with different targets in neuroprotection
A. Clement (Sweden)
**08:00–09:30 Symposium 28:**

*Hypothalamic networks and energy homeostasis*

*Chairs: A.J. van der Lely (The Netherlands) & M. Ugrumov (Russia)*

**Panorama Hall**

08:00 S28.1 PYY and the regulation of appetite control

R. Batterham (UK)

08:30 S28.2 Brain lipogenesis and the control of food intake: the lipostatic hypothesis revisited

M. Lopez (Spain)

09:00 S28.3 Hypothalamic plasticity and the central control of energy balance

T. Horvath (USA)

**09:30–10:15 Plenary Lecture 7**

*Chairs: A. Beckers (Belgium) & M. Krsek (Czech Republic)*

**Main Auditorium**

09:30 PL7 New trends in diagnosis and localisation of (neuro) Endocrine Tumours

K. Pacak (Czech Republic)

**10:15–11:15 Meet the Expert 9:** (repeat)

*Primary hyperparathyroidism: when to intervene?*

C. Marcocci (Italy)

**Forum Hall**

**10:15–11:15 Meet the Expert 10:** (repeat)

*High throughput mouse phenotyping with metabolomics*

J. Adamski (Germany)

**Meeting Hall I**

**10:15–11:15 Meet the Expert 11:** (repeat)

*Clinical approach to male infertility*

C. Krausz (Italy)

**Panorama Hall**

**10:15–11:15 Meet the Expert 12:** (repeat)

*The Zebrafish model*

V. Laudet (France)

**Main Auditorium**

11:15–11:30 Coffee Break and Exhibition

**11:30–12:30 Meet the Expert 13:** (repeat)

*Subclinical hypothyroidism: to treat or not to treat*

V. Fadeyev (Russia)

**Forum Hall**

**11:30–12:30 Meet the Expert 14:** (repeat)

*Practical management of Diabetes*

J. Vassallo (Malta)

**Meeting Hall I**

**11:30–12:30 Meet the Expert 16:** (repeat)

*Secondary osteoporosis*

J. Stepan (Czech Republic)

**Panorama Hall**

12:00 PL8 An update on the genetics of obesity

S. O’Rahilly (UK)

12:30–13:15 Plenary Lecture 8

*Chairs: S. Damjanovic (Serbia) & C. Mantzoros (USA)*

**Main Auditorium**

13:15–13:30 Farewell and Invitation to Rotterdam
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BioVendor Recombinant Protein Development Service (BIRDS) offers the skill and experience of our team for custom recombinant protein expression in E.coli, its purification and characterization.

We prepare original and excellent monoclonal and polyclonal antibodies and to provide the scientific community with unique research tools.

The BioVendor Antibody Service (B.ANTS) provides clients with the very best monoclonal and polyclonal antibodies for their applications.

Eli Lilly & Company
Stand 5

For more than 85 years, Eli Lilly and Company has been a worldwide leader in pioneering industry-leading solutions to support people living with and treating diabetes. Lilly introduced the world's first commercial insulin in 1923, and remains at the forefront of medical and delivery device innovation to manage diabetes. Lilly is also committed to providing solutions beyond therapy - practical tools, education and support programs to help overcome barriers to success along the diabetes journey. At Lilly, the journey of each person living with or treating diabetes inspires ours.

European Society of Endocrinology (ESE)
Stand 34

The European Society of Endocrinology was launched in January 2006 and has been created to promote research, education and clinical practice in endocrinology. It aims to strengthen endocrinology by enabling scientists and doctors across Europe to work together more successfully by providing high-quality education and communication opportunities.

Major activities include the annual European Congress of Endocrinology and training courses which provide outstanding updates for basic and clinical scientists. The ESE has four official journals, European Journal of Endocrinology, Journal of Endocrinology, Journal of Molecular Endocrinology and Endocrine-Related Cancer.
In the field of endocrine diseases, HRA Pharma commercializes Lysodren (500 mg mitotane tablets), an orphan drug for the treatment of adrenal cortical carcinoma. Moreover, in order to assist healthcare professionals in the treatment of patients with this disease, HRA Pharma has developed Lysosafe, a free therapeutic monitoring service that helps physicians optimize the efficacy of the treatment by adapting its daily dose and controlling patients’ tolerance. Altogether, Lysosafe constitutes a very helpful and successful tool for the treatment of this rare and difficult disease.

Visit www.hra-pharma.com for more information.

Ipsen
Stand 31

Ipsen is an innovation-driven international specialty pharmaceutical group with over 20 products on the market and a total worldwide staff of nearly 4,200.

Its development strategy is based on its activities in specialty medicine, growth drivers in targeted therapeutic areas (oncology, endocrinology, neurology and haematology), combined with primary care products which contribute significantly to its research financing. The location of its four Research & Development centres (Paris, Boston, Barcelona, London) and its peptide and protein engineering platform give the Group a competitive edge in gaining access to leading university research teams and highly qualified personnel. More than 800 people in R&D are dedicated to the discovery and development of innovative drugs for patient care. This strategy is also supported by an active policy of partnerships. In 2008, Research and Development expenditure was about €183 million, close to 19% of consolidated sales, which amounted to €971 million while total revenues exceeded €1 billion. Ipsen’s shares are traded on Segment A of Euronext Paris (stock code: IPN, ISIN code: FR0010259150).

Ipsen’s shares are eligible to the “Service de Règlement Différé” (“SRD”) and the Group is part of the SBF 120 index. For more information on Ipsen, visit our website at www.ipsen.com.
Merck Serono combines expertise in New Chemical Entities (NCEs) and New Biological Entities (NBEs) to offer innovative prescription drugs of either origin. Biotech products generate around 60% of Merck Serono's sales. Excellence in research and development is a key success factor for Merck Serono. With an integrated R&D capability, as well as a network of alliances with other biopharmaceutical companies and academic groups, Merck Serono invests around 22% of total revenues or over €1bn each year to discover and develop new therapies. Merck Serono is committed to growing its business in specialist-focused therapeutic areas including neurodegenerative diseases, oncology, fertility and endocrinology, as well as new areas potentially arising out of research and development in autoimmune and inflammatory diseases.

Merck Serono was established on January 5, 2007 following the acquisition of Serono by Merck and the integration of its business with the former Merck Ethicals division.

Merck is a global pharmaceutical and chemical company with a history that began in 1668 and a future shaped by around 33,000 employees in 61 countries. Merck's operating activities come under the umbrella of Merck KGaA, which is listed on the Frankfurt Stock Exchange and a member of the DAX® 30 Index.

Mercodia
Stand 19
Mercodia AB is a Swedish biotech company focusing on the development of immunoassays for research within the field of metabolic disorders. Our assays are applicable to both animal and human models and are used for research ranging from basic scientific studies to large preclinical and clinical phase trials.

The company was founded in 1991 and is today a world-leading supplier of products to all major international markets. More than ninety percent of our production is exported from our facilities in Uppsala to approximately 100 different countries around the world.
actualisation, we focus our day-to-day efforts on putting into practice our maxim of 'only Otsuka can do it'.

Come and visit the Otsuka Europe Stand in the exhibition area, stand 13, to learn more about Otsuka’s commitment to innovation and education in endocrinology.

**Nature Publishing Group**

**Stand 45**

Nature Publishing Group brings leading scientific and medical research to your desk top. The NPG portfolio combines the continued excellence of Nature, its associated research and review journals, and 50 leading academic and society journals in the life, physical and clinical sciences. Visit Stand no 45 for free sample copies.

**OSI Pharmaceuticals**

**Stand 43**

OSI Pharmaceuticals is committed to "shaping medicine and changing lives" by discovering, developing and commercializing high-quality, novel and differentiated targeted medicines designed to extend life and improve the quality of life for patients with cancer and diabetes/obesity. For additional information about OSI, please visit http://www.osip.com.

**PerkinElmer Inc**

**Stand 17**

PerkinElmer is a global company focused on improving the health and safety of people and their environment. From earlier medical insights and more effective therapies to cleaner water and safer homes, PerkinElmer touches the lives of millions of people around the world every day.

As the global leader in newborn screening and prenatal risk assessment, PerkinElmer has pioneered the application of tandem mass spectrometry in newborn screening. This technology enables programs to screen for several tens of disorders using a single blood sample.

Now, for clinical laboratories that wish to put the power of mass spectrometry to work, the company’s new CHS™ MS/MS Steroid Kit has been developed to meet present and future steroid assay needs. The kit supports measurement of 10 steroid analytes in the same aliquot so as to illustrate the overall pattern of steroid expression. The kit also offers far better analytical performance than one-off immunoassays.

**Otsuka**

**Stand 13**

Otsuka Pharmaceutical Europe Ltd. has a passion for improving the health of people in Europe. We are committed to focusing our research and development on innovative products and medical devices that address unmet medical needs, particularly in our specialist areas of endocrine, renal, gastro-intestinal and central nervous system disorders.

Based on our corporate philosophy 'Otsuka - people creating new products for better health worldwide' and inheriting the Otsuka ethos of creativity and
Pfizer
Stand 11
Pfizer Inc is the world’s largest research-based pharmaceutical company. Our goal is to discover, develop, manufacture and deliver quality, safe and effective prescription medicines to treat and help prevent disease. We partner with healthcare providers, governments and local communities around the world to expand access to medicines and provide better quality healthcare and health system support. Our aim is to reduce the human and economic burden of disease worldwide.

Pfizer is highly committed to its endocrine product portfolio. The company is an industry-leader in long-term surveillance studies in endocrinology, has an active Investigator-Initiated Research program supporting advances in medical and scientific knowledge, and supports medical education through provision of post-graduate medical education awards.

The Pfizer team looks forward to welcoming you to the Pfizer exhibit booth at the 12th European Congress of Endocrinology, 2010 where you will have the opportunity to discuss latest developments, current and future Pfizer initiatives within endocrinology.

Pfizer wishes you a productive meeting and an exciting time in Prague.

Phoenix Pharmaceuticals Inc.
Stand 39
Phoenix Pharmaceuticals specializes in peptides and assay kits for endocrinology, obesity, cardiovascular and diabetes research. Other products include endocrinology related peptides and antibodies. Our new non-radioactive, highly sensitive fluorescent assay can measure samples which anticipate low levels of hormone. Phoenix also offers the service of hormone level determination; where the tedious extraction and assay procedures can be performed for you. With over 40 endocrinology and obesity related peptides in publications today, Phoenix Pharmaceuticals is always the leader in the latest peptide discoveries.

Research Diets Inc.
Stand 40
Research Diets, Inc. formulates and produces purified-ingredient OpenSource Diets for laboratory animals. Our Resource Center is staffed with scientists who consult with our customers around the world on diet formulations. Our open formulas allow scientists to report, repeat, and revise their work. We have formulated over 15,000 original diets and regularly incorporate compounds. In addition, we manufacture the BioDAQ Food and Water Intake Monitor. BioDAQ controls spillage and reduces interaction between scientists and animals while recording the moment-to-moment, bout-by-bout intake of rats and mice. Intake is recorded the context of the animals’ undisturbed behavior rather than fixed intervals of time.

Serono Symposia International Foundation
Stand 33
Serono Symposia International Foundation (http://www.seronosymposia.org) has submitted the main congress program of the “12th European Congress of Endocrinology (ECE 2010)” (Prague Czech Republic - April 24-28, 2009) for accreditation by the European Accreditation Council for Continuing Medical Education (EACCME).

Serono Symposia International Foundation (http://www.seronosymposia.org) has applied to the Royal College of Physicians, London, UK for CME accreditation of the “12th European Congress of Endocrinology (ECE 2010)” (Prague Czech Republic - April 24-28, 2009).

The CME accreditation is valid for the main congress program only and does not cover the company-sponsored symposia.

ISO 9001 Certification:
Serono Symposia International Foundation has received the ISO 9001 Certification of Quality Management Systems. This Quality certification requires all participants to fill in a scientific questionnaire and to evaluate the overall quality of the event. Questionnaires will be distributed onsite during the congress.
Society for Endocrinology & BioScientifica Ltd

Stand 20

The Society for Endocrinology publishes 3 high-impact factor journals on display at our booth: *Journal of Endocrinology*, *Journal of Molecular Endocrinology* and *Endocrine-Related Cancer*. These journals are official journals of the European Society of Endocrinology and special member rates are available.

The Society is offering Free online trials to each of these journals. Simply visit our booth to register for the Free Online Trial, free Tables of Contents Alerts or a sample copy of the journal of your choice.

BioScientifica publishes the *European Journal of Endocrinology* (EJE on behalf of the European Society of Endocrinology (ESE), and the European Journal of Endocrinology Online Archive. Membership of ESE includes online access to this official journal. BioScientifica also publishes *Reproduction*, the official journal of the Society for Reproduction and Fertility (SRF). Sign up for a Free online trial at our booth.

BioScientifica Ltd is the trading subsidiary of the Society for Endocrinology and provides a range of services to societies and organisations. For more information go to www.bioscientifica.com or speak to a representative at our booth.

Wisepress

Stand 21

Wisepress.com, Europe’s leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you – Wisepress will deliver worldwide. In addition to attending 250 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers, some up to 40% off the publisher list prices.

Adrenal

P1 DIFFERENTIATION BETWEEN BENIGN AND MALIGNANT ADRENAL MASS USING CONTRAST-ENHANCED ULTRASOUND
Mireen Friedrich-Rust, Timo Glasemann, Katharina Holzer, Susanne Kiener, Eva Herrmann, Andreas Polta, Stefan Zeuzem, Joerg Bojunga

P2 ALTERATIONS IN LIPID AND CARBOHYDRATE METABOLISM IN PATIENTS WITH CLASSIC CAH DUE TO 21-HYDROXYLASE DEFICIENCY
Anca Zimmermann, Paula Grigorescu Sido, Camelia Al Khzouz, Karen Patberg, Simona Bucerzan, Egbert Schulze, Tim Zimmermann, Matthias M. Weber

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P4 CLINICALLY SILENT ADRENAL INCIDENTALOMAS - THEIR RELATION TO METABOLIC SYNDROME AND TO GNB3 C825T GENE POLYMORPHISM
Ivica Lazúrová, Daniela Spišáková, Hedviga Wagnerová, Viera Habalova, Ingrid Dravecká, Darina Petrášová, Lýdia Pundová

P5 EVALUATION OF HAEMOSTATIC AND FBRINOLYTIC MARKERS IN PATIENTS WITH CUSHING’S SYNDROME: A LONGITUDINAL STUDY
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P6 SUPINE AND UPRIGHT PLASMA RENIN (PR) AND ALDOSTERONE (ALD) IN PATIENTS WITH ADRENAL INCIDENTALOMA (AI)
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Sun Ok Song, Se Hwa Kim, Hyeong Jin Kim

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Corina Crista, Anda Cismas, Roxana Voicu, Nagaraj Manjunath, Maria Dana Bobu, Bogdan Alin Nes

P11 EFFECTS OF ATENOLOL ADD-ON TREATMENT ON PLASMA RENIN ACTIVITY (PRA) AND ALDOSTERONE ESCAPE IN HYPERTENSIVE PATIENTS WITH DIABETES RECEIVING VALSARTAN
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P15 PHEOCHROMOCYTOMA IN AN INCIDENTALLY DISCOVERED CYSTIC ADRENAL MASS: A CASE REPORT
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Atif Munir, Sath Nag, Rudy Bilous

P17 SALIVARY CORTISOL IN THE DIAGNOSIS OF CUSHING’S SYNDROME: CLINICAL EXPERIENCE WITH LIQUID CHROMATOGRAPHY/TANDEM MASS SPECTROMETRY ON OUTPATIENT BASIS
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P20 COMPARISON BETWEEN ULTRASONOGRAPHY VERSUS OTHER STANDARD IMAGING PROCEDURE IN DIAGNOSTICS OF PATHOLOGICAL CHANGES OF ADRENAL GLANDS
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Hyponatraemia: is treatment necessary?
An interactive forum

Monday 26th April  18:15 – 19:45
Prague Congress Centre, Meeting Hall 1

18:15  Welcome and introduction
Paolo Beck-Peccoz (Chair)

18:20  Mild and moderate hyponatraemia – is treatment necessary?
Chris Thompson

18:45  New approaches to the diagnosis of hyponatraemia
Bruno Allolio

19:10  Considering new treatments in the management of hyponatraemia: Case study highlights
Joseph Verbalis

19:35  Questions and Answers
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Please note: This symposium is only open to healthcare professionals registered for the ECE congress
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<td>FAREWELL AND INVITATION</td>
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</tbody>
</table>

### TUESDAY 27 APRIL

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>08:00</td>
<td>SYNOPSIS 13: The TSH reference range</td>
</tr>
<tr>
<td>09:00</td>
<td>PLENARY LECTURE 3</td>
</tr>
<tr>
<td>10:00</td>
<td>POSTER SESSION</td>
</tr>
<tr>
<td>11:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>12:00</td>
<td>LUNCH &amp; EXHIBITION</td>
</tr>
<tr>
<td>13:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>14:00</td>
<td>POSTER SESSION</td>
</tr>
<tr>
<td>15:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>16:00</td>
<td>COFFEE BREAK &amp; EXHIBITION</td>
</tr>
<tr>
<td>17:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>18:00</td>
<td>PLENARY LECTURE 4</td>
</tr>
<tr>
<td>19:00</td>
<td>ANNUAL GENERAL MEETING OF THE EUROPEAN SOCIETY OF ENDOCRINOLOGY (ESE)</td>
</tr>
<tr>
<td>20:00</td>
<td>FAREWELL AND INVITATION</td>
</tr>
</tbody>
</table>

### WEDNESDAY 28 APRIL

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<tr>
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<tr>
<td>07:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>08:00</td>
<td>SYNOPSIS 13: The TSH reference range</td>
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<tr>
<td>09:00</td>
<td>PLENARY LECTURE 5</td>
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<td>10:00</td>
<td>POSTER SESSION</td>
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<tr>
<td>11:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>12:00</td>
<td>LUNCH &amp; EXHIBITION</td>
</tr>
<tr>
<td>13:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>14:00</td>
<td>POSTER SESSION</td>
</tr>
<tr>
<td>15:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>16:00</td>
<td>COFFEE BREAK &amp; EXHIBITION</td>
</tr>
<tr>
<td>17:00</td>
<td>SYMPOSIUM 1: Novel aspects in the treatment of bone disease</td>
</tr>
<tr>
<td>18:00</td>
<td>PLENARY LECTURE 6</td>
</tr>
<tr>
<td>19:00</td>
<td>FAREWELL AND INVITATION</td>
</tr>
</tbody>
</table>

### Meet The Expert Key

1. Delayed puberty in boys
2. Primary hyperaldosteronism
3. Modern approach to the adult patient with Turner syndrome
4. Disorders of sexual development (DSD)
5. How do you choose your treatment in inoperable pancreatic NET?
6. Management of Graves’ ophthalmopathy
7. Cushings syndrome
8. Hypotension: diagnosis and novel treatments
9. Primary hyperparathyroidism: when to intervene?
10. High throughput mouse phenotyping with metabolomics
11. Clinical approach to male infertility
12. The Zebrafish model
13. Subclinical hypothyroidism: to treat or not to treat
14. Practical management of diabetes
15. Genetic and genomic studies in endocrinology
16. Secondary osteoporosis

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**Venue Key**
- MA: Main Auditorium
- FH: Forum Hall
- PH: Panorama Hall
- EXH: Exhibition Hall
- ZR: Zoom Restaurant

**Meeting Key**
- MH1: Meeting Hall I
- MH4: Meeting Hall IV
- MH5: Meeting Hall V
- CHF3: Congress Hall Foyer 3

**Registration Open**
Some see the pituitary.
We see the promise.

At Pfizer Endocrine Care, we offer the promise of innovative solutions for your patients with pituitary disorders, the promise of excellent service and support backed by a heritage of leadership…and the promise of a strong commitment to advancing the science and practice of endocrinology.