



195th Meeting of the

Society for Endocrinology

jointly with Diabetes UK and
the Growth Factor Group



Programme

1-3 November 2004

Royal College of Physicians

11 St Andrew's Place, Regent's Park, London NW1 4LE

www.endocrinology.org/sfeconference2004

This event, activity code number 23485, has been approved for external credit for the CPD scheme of the Federation of the Royal Colleges of Physicians of the UK

195th Meeting of the **Society for Endocrinology**

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Royal College of Physicians

11 St Andrew's Place, Regent's Park, London NW1 4LE

Programme Committee:-

Professor A Logan (Programme Committee Chair)

Dr P Bouloux

Ms M Carson

Dr M Hewison

Professor J Morris

Ms A Mostyn, YE representative

Mr L Noon, YE representative

Professor P Stewart

Dr P Trainer

The Programme Committee would like to thank
the organisers of the additional strands taking place
at the meeting:-

Oncology: Professor J Wass and Dr P Trainer

Diabetes: Professor A Bone and Professor S Bloom

Growth Factors: Professor D Hill and Dr J Pell

Conference Secretariat

Society for Endocrinology

22 Apex Court, Woodlands, Bradley Stoke, Bristol, BS32 4JT

Tel: +44(0)1454 642210, Fax: +44 (0)1454 642222

Email: conferences@endocrinology.org

Website: www.endocrinology.org



General Information

Venue

The meeting will be held on 1-3 November 2004 at the Royal College of Physicians (RCP), 11 St Andrew's Place, Regents Park, London, NW1 4LE by kind permission of the Treasurer of the College. The RCP is located at the corner of Regents Park in central London. It is easily accessible from the Bakerloo line at Regents Park underground station and from Euston and King's Cross main line train stations.

Following on from the success of last year we will hold a joint Endocrinology and Diabetes day on 3 November 2004 jointly with Diabetes UK. The programme, which covers a broad range of topics, is intended for both diabetologists and endocrinologists. This year we have also added two more exciting strands; on day 1 we are running an Oncology Strand and on day 3, a Growth Factor Strand.

Registrations

Registration fees are payable by all delegates. Reduced registration fees are available for members of the Society for Endocrinology and student members of the Biosciences Federation constituent societies, throughout the meeting, and to members of Diabetes UK on 3 November.

You can register online at

www.endocrinology.org/sfeconference2004/registration.htm

Advance registrations will be accepted until 25 October 2004. After this date registrations will be processed at the registration desk and a surcharge of £15 will be added to the basic registration fee. Registration will open at 09.00 on Monday 1 November and will remain open throughout the meeting.

The Society for Endocrinology reserves the right of refusal of entry to the meeting. Non-members who wish to become members of the Society for Endocrinology may register at the reduced members' rate if a completed membership application form is sent at the same time as the registration form. Details of membership are available online at www.endocrinology.org/sfe/membrshp.htm.

Poster sessions

Posters will be displayed in the Library on all three days of the meeting, with viewing sessions at 13.30 - 14.30 on Monday 1 November, 12.30 - 13.30 on Tuesday 2 November and 13.00 - 14.00 on Wednesday 3 November. Poster board numbers will correspond to the abstract numbers. Poster displays should be no more than 3' wide by 5' high (90cm x 150cm).

Awards

Eight abstracts and ten posters have been short listed for prizes. These are highlighted in the programme book by a ★ and will be judged by a panel, made up from members of the Society for Endocrinology, at the meeting.

The eight abstracts will be presented during the meeting in the form of oral communications. There will be two prizes of £200, one awarded in the clinical category and one in the basic science category.

From the ten posters that have also been short listed, two will be selected for a £100 prize, one from a clinical category and one from a basic science category.

All of the prizes will be awarded to young endocrinologists defined as no more than 6 years post PhD/MD/MRCP and under the age of 35. The winners will be announced in *The Endocrinologist*. The winner of the Young Endocrinologists Basic Science Review Lecture will present their research as part of the Young Endocrinologists oral communication session on Tuesday 2 November. This prize has been awarded for personal endocrine research in progress or recently completed.

Name badges

Participants are requested to display name badges, which will be available from the registration desk. Please note that you will not be admitted to scientific sessions unless wearing your badge.

CPD approval

CPD approval from the Royal College of Physicians in London has been awarded to the meeting. A CPD register will be on the registration desk throughout the meeting for you to sign. You will be asked for your GMC number. Points will be accredited for:-

Society for Endocrinology main meeting	= 12
Diabetes strand	= 5
Growth Factor strand	= 6
Oncology strand	= 4

Catering

Free tea and coffee will be available during the scheduled breaks throughout the meeting. Lunch is included in the cost of the registration. Delegates are requested to indicate their lunch requirements in advance using the registration form.

Annual dinner

This year's Annual Dinner will be held at The Embassy, 29 Old Burlington Street, London W1S 3AN on Monday 1 November from 20.00. The Embassy will offer you the chance to experience the culinary brilliance of Michelin-starred chef Garry Holliehead.

Coaches will pick up from the RCP and the Melia White House hotel. Please check the noticeboard at the registration desk for further information and pick-up times.

Tickets are still available at £50 (£25 for concessions) to include wine and transport to and from the venue. Contact Feona Horrex, tel: +44 (0)1454 642210 or email: feona.horrex@endocrinology.org.

Corporate members

The Society for Endocrinology would like to thank its Premier Corporate Members and Ordinary Corporate Members for their generous support.

The Premier Corporate Members include: AstraZeneca plc, BioScientifica Ltd, Eli Lilly & Company Ltd, GlaxoSmithKline UK, Ipsen UK Ltd, Novartis Pharmaceuticals UK Ltd, Novo Nordisk Pharmaceuticals Ltd, Pfizer Ltd, Sandoz Biopharmaceuticals and Serono Ltd.

Ordinary Corporate Members include: Abbott Laboratories Ltd, Ardana Bioscience Ltd, Genzyme Therapeutics Ltd, Organon Laboratories, Randox Laboratories Ltd and Schering Health Care Ltd.



General Information

Exhibitors

The following organisations will have exhibition stands in the Osler/Long Room on 1 and 2 November:

Ardana Bioscience Ltd
Eli Lilly and Company Ltd (Bone Division)
Eli Lilly and Company Ltd (Growth Hormone Division)
Genzyme Therapeutics Ltd
Ipsen UK Ltd
Novo Nordisk Pharmaceuticals Ltd
Novartis Pharmaceuticals UK Ltd
OBI-DSL
Pfizer Ltd
Schering Health Care Ltd
Society for Endocrinology & BioScientifica Ltd
Tanita UK Ltd
The Pituitary Foundation

The following organisations will have exhibition stands in the Osler/Long Room on 3 November:

Ardana Bioscience Ltd
Aventis
Eli Lilly and Company Ltd
GlaxoSmithKline UK
Ipsen UK Ltd
Medtronic Ltd
Novo Nordisk Pharmaceuticals Ltd
OBI-DSL
Pfizer Ltd
Society for Endocrinology & BioScientifica Ltd
Tanita UK Ltd
The Pituitary Foundation

Wisepress will be displaying new and recent publications from a number of publishers throughout the meeting.

Satellite symposium

Eli Lilly and Company Ltd
Tuesday 2 November

Seligman Theatre 16.45-17.45

HypoCCS (The Hypopituitary Control and Complication Study) is an observational study that collects data from adults treated with Somatropin for adult GH deficiency. The study started collecting data in 1996 and during the time since then has accumulated data from several thousand patients. This data has been used for the analysis of safety and outcomes in this population and as the length of follow up increases more analyses will become possible. The presentation today will be to discuss the role of such studies in collecting outcomes data during a routine clinical practice and the strengths and limitations of the data that can be collected will be illustrated from the study results. There will also be a discussion of the practicalities regarding setting up and maintaining such databases.

Society for Endocrinology Annual General Meeting

The Annual General Meeting of the Society for Endocrinology will be held on Monday 1 November at 13.00 in the Wolfson Theatre at the Royal College of Physicians.



Timetable

Monday 1 November 2004

	WOLFSON THEATRE	SLOANE/LINACRE ROOM	SELIGMAN THEATRE
09.00			ONCOLOGY STRAND
09.30	COFFEE Osler/Long Room		
10.00	Society for Endocrinology Asia and Oceania Medal Lecture <i>Professor Peter Leedman</i>		
10.30			
11.00			
11.30	Symposium 1: Zonation of the adrenal cortex - molecular signalling	Oral Communications 1: Growth and development	Symposium 1: Neuroendocrine tumours
12.00			
12.30			
13.00			
13.30	Society for Endocrinology AGM	LUNCH Osler/Long Room	
14.00	ATTENDED POSTERS Posters on display in the Library		
14.30			
15.00	Symposium 2: Stressed mothers: causes and outcomes	Oral Communications 2: Neuroendocrinology and reproduction	Symposium 2: Endocrine aspects of breast cancer
15.30			
16.00			
16.30			
17.00	TEA - Osler/Long Room		
17.30	Society for Endocrinology European Medal Lecture <i>Professor Kjell Oberg</i>		

20.00 Annual Dinner - The Embassy



Timetable

Tuesday 2 November 2004

	WOLFSON THEATRE	SELIGMAN THEATRE
09.00	Society for Endocrinology Medal Lecture <i>Professor Richard Eastell</i>	
09.30		
10.00		
	COFFEE Osler/Long Room	
10.30	Symposium 3: Hormones in natural products	Nurses Session Neuroendocrine tumours - an update
11.00		
11.30		
12.00		
12.30	ATTENDED POSTERS Posters on display in the Library	LUNCH Osler/Long Room
13.00		
13.30		
14.00		
	Clinical Endocrine Debate: 'This house believes that bilateral adrenalectomy is the treatment of choice for Cushing's disease'	
14.30	Symposium 4: Consequences of a lack of androgens	Oral Communications 3: Basic Science Review and Young Endocrinologist Session
15.00		
15.30		
16.00		
16.30	TEA - Osler/Long Room	
17.00		Satellite Eli Lilly and Company Ltd The Hypopituitary Control and Complication Study
17.30		



Timetable

Wednesday 3 November 2004

	WOLFSON THEATRE	SELIGMAN THEATRE	
	DIABETES STRAND	GROWTH FACTOR STRAND	
09.00	Lecture 1: Can we resurrect beta cell function? Insights from GLP-1	Lecture 1: Growth factors and stem cell research	
09.30	Lecture 2: New insights into the pathogenesis of diabetic kidney disease		
10.00	Lecture 3: 11 β -hydroxysteroid dehydrogenase Type 1: a cause of the metabolic syndrome and therapeutic target	Lecture 2: Imaging tissue repair: molecular imaging techniques and their role in the characterisations of tissue repair process	
10.30	COFFEE Osler/Long Room		
11.00	Symposium: Recent advances in drug delivery and monitoring	Lecture 3: Wound healing studies in mice and flies	
11.30			
12.00		Oral Communications 1	
12.30	LUNCH Osler/Long Room		
13.00	ATTENDED POSTERS Posters on display in the Library	LUNCH Osler/Long Room	
13.30		Lecture 4: Haematopoietic stem cells: what regulates the regulator?	
14.00		Oral Communications 2	
14.30	Expert Session 1: Diabetes, HDL metabolism and cardiovascular disease		
15.00	Expert Session 2: Sexual development	Lecture 5: Biology and therapeutic potential of neural stem cells	
15.30	TEA - Osler/Long Room		
16.00	Debate: 'This house believes that changes in diet and lifestyle should put obesity surgeons out of business'	Oral Communications 3	
16.30		Lecture 6: Directing cells to become muscle	
17.00			
17.30			

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Scientific Programme

Monday 1 November 2004

- 10:00-11:00 **Society for Endocrinology Asia and Oceania Medal Lecture**
Wolfson Theatre
- 11:00-13:00 **Symposium 1:
Zonation of the adrenal cortex -
molecular signalling**
Wolfson Theatre
- 11:00-13:00 **Oral Communications 1:
Growth and development**
Sloane/Linacre Room
- 13:00-13:30 **Society for Endocrinology AGM**
Wolfson Theatre
- 13:30-14:30 **Attended Posters**
Library
- 14:30-16:30 **Symposium 2:
Stressed mothers: causes and outcomes**
Wolfson Theatre
- 14:30-16:30 **Oral Communications 2:
Neuroendocrinology and reproduction**
Sloane/Linacre Room
- 16:45-17:45 **Society for Endocrinology
European Medal Lecture**
Wolfson Theatre

ONCOLOGY STRAND

GENEROUSLY SUPPORTED BY NOVARTIS PHARMACEUTICALS UK LTD

- 11:00-13:00 **Symposium 1:
Neuroendocrine tumours**
Seligman Theatre
- 14:30-16:30 **Symposium 2:
Endocrine aspects of breast cancer**
Seligman Theatre



Scientific Programme

Monday 1 November 2004

09:30-10:00 Osler/Long Room
Coffee

10:00-11:00 Wolfson Theatre
Plenary lecture:
Society for Endocrinology
Asia and Oceania Medal Lecture
Chair: Bloom S (London)

S1 10:00 RNA, proteins and hormone action:
tales from down under
Leedman P (Perth, Australia)

11:00-13:00 Wolfson Theatre
Symposium 1:
Zonation of the adrenal cortex
- molecular signalling
Chair: Lowry P (Reading)

S5 11:00 Functional zonation of the adrenal
cortex - an overview
Vinson G (London)

S6 11:30 Wnt signalling in the adrenal cortex
Hornsby P (San Antonio, USA)

S7 12:00 Adrenomedullin in the adrenal
Hinson J (London)

S8 12:30 Paracrine regulation of the
adrenal cortex
Vaudry H (Rouen, France)

11:00-13:00 Sloane/Linacre Room
Oral Communications 1:
Growth and development
Chairs: Davis J (Manchester) &
Bouloux P (London)

OC1 11:00 Rat bone marrow mesenchymal stem
cells transdifferentiate into islet-secreting
cells in vitro
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW

OC2 11:15 Insulin transgene overexpression: a tool
for characterisation of beta-cell
phenotype in transdifferentiation studies
*Aldibbiat A, Scougall KT, Campbell SC,
Macfarlane WM & Shaw JAM*

OC3 11:30 Cell-cell contact enhances insulin
secretion from pancreatic beta-cells but
not glucagon secretion from alpha-cells
*Brereton H, Luther MJ, Hauge-Evans AC,
Persaud SJ & Jones PM*

*OC4 11:45 IGF-independent acceleration of
myogenesis by IGFBP-5: modulation of
cell survival and differentiation signalling
pathways
*Cobb LJ, Gonzalez I, Tripathi G, Lovett EA,
Salih DAM, Godwin KS & Pell JM*

*OC5 12:00 GnRH, anosmin-1 and FGFR1
immunoreactivity in the developing
human brain
*Gonzalez-Martinez D, Winyard P, Woolf AS &
Bouloux PMG*

OC6 12:15 Overexpression of the imprinted gene
Neuronatin represses normal pituitary
differentiation
*Huerta-Ocampo I, Slack R, Beechey C,
Skinner J, Peters J & Christian HC*

OC7 12:30 Sexually dimorphic glucocorticoid
programming of the hypothalamo-
pituitary-prolactin axis
McArthur S, Siddique Z-L & Gillies GE

OC8 12:45 Fetal programming of the endothelial
nitric oxide pathway in man
*Abbott LP, King A, Francis S, Gibson AT,
Fraser RB & Newell-Price J*

13:00-13:30 Wolfson Theatre
Society for Endocrinology AGM

13:00-14:30 Osler/Long Room
Lunch

13:30-14:30 Library
Attended Posters

14:30-16:30 Wolfson Theatre
Symposium 2:
Stressed mothers: causes and outcomes
Chair: Douglas A (Edinburgh)

S9 14:30 Oxytocin and the cross-generational
transmission of mothering and stress
responses
Pedersen C (Chapel Hill, USA)

S10 15:00 Reproductive hormones: involvement in
maternal stress coping and anxiety
Neumann I (Munich, Germany)

S11 15:30 Effects of pre-natal stress on behaviour
and neuroendocrine activity of pigs'
offspring
Lawrence A (Edinburgh)

S12 16:00 Endocrine-immune bi-directionality in
pregnancy: effects of stress and anxiety
Arck P (Berlin, Germany)

14:30 - 16:30 Sloane/Linacre Room
Oral Communications 2:
Neuroendocrinology and reproduction
Chair: Buckingham J (London) &
McNeilly A (Edinburgh)



Scientific Programme

Monday 1 November 2004

- OC9 14:30 Tri-iodothyronine directly regulates feeding
Martin NM, Kong WM, Smith KL, Gardiner JV, Small CJ, Ghatei MA & Bloom SR
- OC10 14:45 Subcutaneous administration of ghrelin and its effects on food intake in man
Druce MR, Neary NM, Monteiro M, Small C, Ghatei M & Bloom SR
- *OC11 15:00 Brain-derived neurotrophic factor (BDNF) is a novel steroidogenic factor-1 (SF-1) target gene in the ventromedial hypothalamus (VMH): implications for obesity onset
Fowkes RC, Tran PV, Akana SF, Carey CR, Dallman MF & Ingraham HA
- OC12 15:15 Macrophage migration inhibitory factor is released from pituitary folliculo-stellate-like cells by endotoxin and dexamethasone and attenuates the steroid-induced inhibition of interleukin 6 release
Tierney T, Patel R, Stead CS, Leng L, Bucala R & Buckingham JC
- OC13 15:30 Reduced expression of anti-Müllerian hormone (AMH) protein in the androgenised sheep ovary
Bull L, Stubbs S, Birch R, Robinson J, Themmen AP, Visser JA, Groome NP, Hardy K & Franks S
- OC14 15.45 Sickle Cell trait and gender influence Type 2 diabetic complications in African patients
Kolavole BA, Ajayi AA & Ikem RT
- OC15 16:00 PGF2alpha-FP receptor signalling is a potential regulator of endometrial vascular function
Sales KJ, Williams ARW, Anderson RA, Naor Z & Jabbour HN
- OC16 16:15 Sp1 and CREB promote nectin-2 transcription to regulate adheren's junctions assembly in the testis
Lui WY, Sze KL & Lee WM
- 16:30-16:45 **Osler/Long Room**
Tea
- 16:45-17:45 **Wolfson Theatre**
Plenary lecture:
Society for Endocrinology European Medal Lecture
Chair: Bloom S (London)
- S2 16:45 Neuroendocrine tumours: from bench to bed - 25 years experience and the future
Oberg K (Uppsala, Sweden)

ONCOLOGY STRAND

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- 11:00-13:00 **Seligman Theatre**
Oncology Symposium 1:
Neuroendocrine tumours
Chair: Caplin M (London)
- S25 11:00 The management of neuroendocrine tumours with radioactive octreotide
Grossman A (London)
- S26 11:30 New genetic causes of pheochromocytoma
Neumann H (Freiburg, Germany)
- S27 12:00 Genotype-Phenotype correlations in von Hippel-Lindau disease
Maher E (Birmingham)
- S28 12:30 Surgical aspects of medullary thyroid cancer treatment
Harrison B (Sheffield)
- 14:30-16:30 **Seligman Theatre**
Oncology Symposium 2:
Endocrine aspects of breast cancer
Chair: Trainer P (Manchester)
- S29 14:30 New pure antioestrogens
Howell A (Manchester)
- S30 15:00 The role of oestrogens in the development of breast cancer
Reeves G (Oxford)
- S31 15:30 Endocrine treatment of breast cancer
Dowsett M (London)
- S32 16:00 IGFs and breast cancer risk
Renahan A (Manchester)



Scientific Programme

Tuesday 2 November 2004

- 09:00-10:00** **Society for Endocrinology Medal Lecture**
Wolfson Theatre
- 10:30-12:30** **Symposium 3:
Hormones in natural products**
Wolfson Theatre
- 10:30-12:30** **Nurses session:
Neuroendocrine tumours - an update**
GENEROUSLY SUPPORTED BY NOVARTIS PHARMACEUTICALS UK LTD
Seligman Theatre
- 12:30-13:30** **Attended Posters**
Library
- 13:30-14:30** **Clinical Endocrine Debate:
This house believes that bilateral
adrenalectomy is the treatment of choice
for Cushing's disease**
Wolfson Theatre
- 14:15-16:30** **Oral Communications 3:
Basic Science Review Lecture &
Young Endocrinologists session**
Seligman Theatre
- 14:30-16:30** **Symposium 4:
Consequences of a lack of androgens**
Wolfson Theatre
- 16:45-17:45** **Eli Lilly & Company Ltd Satellite**
Seligamn Theatre



Scientific Programme

Tuesday 2 November 2004

09:00-10:00 **Wolfson Theatre**
Plenary lecture:
Society for Endocrinology Medal
Chair: Bloom S (London)

S3 09:00 Oestrogen and the skeleton
Eastell R (Sheffield)

10:00-10:30 **Osler/Long Room**
Coffee

10:30-12:30 **Wolfson Theatre**
Symposium 3:
Hormones in natural products
Chair: Henderson I (Sheffield)

S13 10:30 Hormones in natural products:
an overview
Ashby J (Macclesfield)

S14 11:00 Natural endocrine disrupters in aquatic
environments
Sumpter J (Uxbridge)

S15 11:30 Gender dysfunction in newborn males
Hughes I (Cambridge)

S16 12:00 Phytoestrogens - beyond the oestrogen
receptor
Whitehead S (London)

10:30-12:30 **Seligman Theatre**
Nurses Session:
Neuroendocrine tumours - an update
GENEROUSLY SUPPORTED BY NOVARTIS PHARMACEUTICALS UK LTD
Chairs: Coskeran P (London) &
Gagen C (London)

S21 10:30 Introduction to NET: definition,
classification and diagnosis
Caplin M (London)

S22 11:00 The role of the nurse specialist in the
co-ordination of patient care
Bouvier C (London) & Thatcher J (London)

S23 11:30 Injection techniques - getting it right
King B (Basingstoke)

S24 12:00 A case of MEN 1 syndrome with
secretion of multiple gut hormones
Gibson C (Manchester)

12:30-13:30 **Attended Posters**
Library

12:30-14:30 **Osler/Long Room**
Lunch

13:30-14:30 **Wolfson Theatre**
Clinical Endocrine Debate
**This house believes that bilateral
adrenalectomy is the treatment of choice
for Cushing's disease**
Chair: Atkinson B (Belfast)
Proposer - Newell-Price J (Sheffield)
Opposer - Scanlon M (Cardiff)

14:15-16:30 **Seligman Theatre**
Basic Science Review Lecture
Young Endocrinologists Session
Chairs: Fowkes R (London) &
Bloom S (London)

S4 14:15 **Basic Science Review Lecture**
Understanding endocrine development
of the human beta cell: guiding stem cell
therapy for Type 1 Diabetes
Piper K (Southampton)

OC18 14:45 **Oral Communications 3:**
Young Endocrinologists Session
Regulation of canonical Wnt/beta-
catenin signalling pathway plays a central
role in thyroid growth and proliferation
in neoplastic thyroid cell lines
*Rao AS, Kremenevskaja N, Resch J &
Brabant G*

OC19 15:00 Proliferative effects of ghrelin and
desoctanoyl ghrelin are independent of
the growth hormone secretagogue
receptor (GHS-R)
*Marsh VB, Kola B, Hanson M, Emery M,
Musat M, Bonner S, Khalaf S, Norman D,
Grossman AB & Korbonits M*

*OC20 15:15 Sp1/Sp3, GnRH and PACAP
involvement in C-type natriuretic
peptide (CNP/Nppc) expression and
action in gonadotrophs
*Fowkes RC, Burren JM, McArdle CA &
Steinhilber ME*

*OC21 15:30 Failure of suppression of endogenous
glucose production (EGP) diminished
lipolysis and free fatty acid (FFA)
oxidation in a population at high risk of
the development of Type 2 diabetes
*Forbes S, Robinson S, McCarthy MI,
MacDonald IA, Bannister P, Venketesan S &
Johnston DG*



Scientific Programme

Tuesday 2 November 2004

*OC22 15:45 Effect of variation at the aldosterone synthase locus (CYP11B2) on adrenal 11-beta hydroxylation: pilot data from the MRC BRIGHT study

Freel M, McKenzie S, Friel E, Ingram M, Davies E, Fraser R, Dominiczak A, Caulfield M & Connell J

*OC23 16:00 Adrenal and circulating agouti related protein (AgRP) is upregulated in Cushing's syndrome suggesting a novel inhibitory paracrine role in the human adrenal gland

Dhillon WS, Castle L, Gardiner JV, Bewick GA, Smith KL, Meeran K, Todd JF, Ghatgei MA & Bloom SR

*OC24 16:15 A pilot study of prolonged high dose rosiglitazone therapy (12mg/day) in Nelson's syndrome

Munir A, Song F, Ince P, Ross R & Newell-Price J

14:30-16:30 **Wolfson Theatre**

**Symposium 4:
Consequences of a lack of androgens**

Chair: Randall V (Bradford)

S17 14:30 Androgen action and the male adult phenotype from youth to senescence
Nieschlag E (Münster, Germany)

S18 15:00 Consequences of androgen receptor abnormalities
Hiort O (Lübeck, Germany)

S19 15:30 SARMS (Selective Androgen Receptor Modulators)
Grootenhuys A (Oss, The Netherlands)

S20 16:00 Hormonal male contraception: an update
Wu F (Manchester)

16:30-16:45 **Osler/Long Room**

Tea

16:45-17:45 **Seligman Theatre**

**Eli Lilly & Company Ltd Satellite
The Hypopituitary Control and
Complication Study**



Scientific Programme

Wednesday 3 November 2004

DIABETES STRAND

- 09:00-10:30 **Lecture 1:**
Can we resurrect beta cell function?
Insights from GLP-1
- Lecture 2:**
New insights into the pathogenesis of
diabetic kidney disease
- Lecture 3:**
11 β -hydroxysteroid dehydrogenase Type 1:
a cause of the metabolic syndrome and
therapeutic target
Wolfson Theatre
- 11:00-12:30 **Symposium**
Wolfson Theatre
- 13:00-14:00 **Attended posters**
Library
- 14:00-15:30 **Expert Session 1:**
Diabetes, HDL metabolism and
cardiovascular disease
- Expert Session 2:**
Sexual development
Wolfson Theatre
- 16:00-17:00 **Debate:**
This house believes that changes in diet
and lifestyle should put obesity surgeons
out of business
Wolfson Theatre

GROWTH FACTOR STRAND

- 09:00-11:45 **Lecture 1:**
Growth factors and
stem cell research
- Lecture 2:**
Imaging tissue repair: molecular imaging
techniques and their role in the
characterisation of tissue repair processes
- Lecture 3:**
Wound healing studies
in mice and flies
Seligman Theatre
- 11:45-12:45 **Oral Communications 1**
Seligman Theatre
- 13:30-14:15 **Lecture 4:**
Haematopoietic stem cells:
what regulates the regulator?
Seligman Theatre
- 14:15-14:45 **Oral Communications 2**
Seligman Theatre
- 14:45-15:30 **Lecture 5:**
Biology and therapeutic potential
of neural stem cells
Seligman Theatre
- 16:00-16:30 **Oral Communications 3**
Seligman Theatre
- 16:30-17:15 **Lecture 6:**
Directing cells to become muscle
Seligman Theatre



Scientific Programme

Wednesday 3 November 2004

DIABETES STRAND

09:00-10:30 Wolfson Theatre

Lectures:

Chair: Bone A (Brighton)

- DS1 09:00 Can we resurrect beta cell function?
Insights from GLP-1
Matthews D (Oxford)
- DS2 09:30 New insights into the pathogenesis of
diabetic kidney disease
Flyvbjerg A (Aarhus, Denmark)
- DS3 10:00 11 β -hydroxysteroid dehydrogenase
Type 1: a cause of the metabolic
syndrome and therapeutic target
Seckl J (Edinburgh)
- 10:30-11:00 Osler/Long Room
Coffee
- 11:00-12:30 Wolfson Theatre
Symposium:
**Recent advances in drug delivery
and monitoring**
Chair: Matthews D (Oxford)
- DS4 11:00 Update on insulin pump therapy
in the UK
Harrison M (Brighton)
- DS5 11:30 Continuous glucose monitoring
Hurel S (London)
- DS6 12:00 Alternative mechanisms of insulin
delivery
Pickup J (London)

12:30-13:00 Osler/Long Room
Lunch

13:00-14:00 Library
Attended Posters

14:00-15:30 Wolfson Theatre
Expert Sessions:
Chair: Atkinson B (Belfast)

DS7 14:00 Diabetes, HDL metabolism and
cardiovascular disease
Valabhji J (London)

DS8 14:45 Sexual development
Seal L (London)

15:30-16:00 Osler/Long Room
Tea

16:00-17:00 Wolfson Theatre
Debate:
**This house believes that changes in diet
and lifestyle should put obesity surgeons
out of business**
Chair: Bloom S (London)
Proposer - Frost G (London)
Opposer - Dexter S (Leeds)



Scientific Programme

Wednesday 3 November 2004

GROWTH FACTOR STRAND

09:00-11:45 Seligman Theatre

Lectures:

Chairs: Hill D (Ontario, Canada) & Westwood M (Manchester)

GS1 09:00 Lecture 1: Growth factors and stem cell research
Heath J (Birmingham)

GS2 09:45 Lecture 2: Imaging tissue repair: molecular imaging techniques and their role in the characterisation of tissue repair processes
Pither R (Amersham)

10:30-11:00 Osler/Long Room

Coffee

GS3 11:00 Lecture 3: Wound healing studies in mice and flies
Martin P (Bristol)

11:45-12:45 Seligman Theatre

Oral Communications 1:

Chairs: Hill D (Ontario, Canada) & Westwood M (Manchester)

GO1 11:45 Exploiting phage technology for targeting gene delivery into the CNS
Gonzalez AM, Rayner J, Logan A, Larocca D, Berry M, Burg M & Baird A

GO2 12:00 siRNA-mediated knock down of NgR, p75NTR and Rho-a disinhibits neurotrophin-induced dorsal root ganglia neurite outgrowth on CNS Myelin
Ahmed Z, Dent RG, Suggate EL, Berry M & Logan A

GO3 12:15 VEGF secretion from pituitary folliculostellate cells: a role for KATP channels?
Budzik JM, Christian HC, Omer S & Morris JF

GO4 12:30 IGF-independent acceleration of myogenesis by IGFBP-5: modulation of cell survival and differentiation signalling pathways
Cobb LJ, Gonzalez I, Tripathi G, Lovett EA, Salih DAM, Godwin KS & Pell JM

12:45-13:30 Osler/Long Room

Lunch

13:30-14:15 Seligman Theatre

Lecture:

Chairs: Hill D (Ontario, Canada) & Pell J (Cambridge)

GS4 13:30 Lecture 4: Haematopoietic stem cells: what regulates the regulator?
Green A (Cambridge)

14:15-14:45 Seligman Theatre

Oral Communications 2:

Chairs: Hill D (Ontario, Canada) & Pell J (Cambridge)

GO5 14:15 Evidence for a role of the Type 1 IGF receptor in early follicular development in cultured human ovarian tissue
Stubbs S, Margara R, Trew G, Lavery S, Franks S & Hardy K

GO6 14:30 The insulin-like growth factor binding protein-5 (IGFBP-5) profile in primary cultures of differentiated mouse mammary epithelial cells
Lochrie JD, Phillips K, Shand JH, Price NC, Allan GJ, Flint DJ & Beattie J

14:45-15:30 Seligman Theatre

Lecture:

Chairs: Hill D (Ontario, Canada) & Pell J (Cambridge)

GS5 14:45 Lecture 5: Biology and therapeutic potential of neural stem cells
Minger S (London)

15:30-16:00 Osler/Long Room

Tea

16:00-16:30 Seligman Theatre

Oral Communications 3:

Chairs: Hill D (Ontario, Canada) & Pell J (Cambridge)

GO7 16:00 Modulation of the circulating insulin-like growth factor system in patients with gastrointestinal inflammation
Baricevic I, Nedic O, Jones DR & Nikolic JA

GO8 16:15 Intermittent recombinant growth hormone (Saizen) treatment in short children born small for gestational age: results of two different treatment regimens on growth parameters after 4 years
Simon D, Fjellestad-Paulsen A, Crabbé R & Czernichow P

16:30-17:15 Seligman Theatre

Lecture:

Chairs: Hill D (Ontario, Canada) & Pell J (Cambridge)

GS6 16:30 Lecture 6: Directing cells to become muscle
Watt D (Brighton)

Bone

- P1 The effect of BsmI and FokI genotypes on bone density and bone turnover response to raloxifene therapy
Rogers A, Clowes JA, Gossiel F, Peel NFA & Eastell R
- P2 Serum 25(OH)D and dietary calcium intake are associated with bone mineral density acquisition during puberty
Bekheirnia MR, Shamshirsaz AA, Kamgar M, Erfanzadeh G, Aghili N & Shamshirsaz AMA
- P3 Depot medroxyprogesterone acetate use is associated with a bone density deficit in young adult women
Walsh JS, Eastell R & Peel NF
- P4 Poor health may predict vertebral fractures but not non-vertebral fractures
Finigan J, Greenfield DM, Peel NFA, Blumsohn A, Hannon RA & Eastell R
- P5 The effects of Simvastatin on the human osteoblast-like cell, SaOS-2
Abdulkhaliq A, Mancini L & Girgis SI

Clinical Case Reports

- P6 A young woman presenting with multiple bone swelling, deformities and fractures
Chattopadhyay A, George R, Kapur V & Sachdev A
- P7 Anticoagulation-related life threatening electrolyte imbalance in a patient with diabetes mellitus
Varughese GI, Robson GE, Aldcroft J, Roy Chowdhury S, Barton DM & Warner DP
- P8 A sweet case of refractory hypokalaemia
Barber TM & Chapman AJ
- P9 Conservative management of a visual field defect
Ahmed TJ, Simpson-Davis S & Seal L
- *P10 Hyperinsulinaemic hypoglycaemia in a pregnant patient with human immunodeficiency virus (HIV) infection
Edavalath M, Baskar S, Gama R, Mann JS & Buch HN
- P11 A rare mutation causing familial medullary thyroid carcinoma
Higham CE & Todd J
- P12 Addison's disease and cyclical neutropenia - a devastating combination
Babu S, Aldouri M & Scobie IN
- *P13 Running out of sodium
Mehta SR, Cox JPD & Johnston DG
- P14 Euglycaemic diabetic ketoacidosis in pregnancy
Pal A & Simpson H
- P15 Adrenal hypoplasia congenita and hypogonadotropic hypogonadism due to a novel splice site mutation in NR0B1
Saleh F, Kim S, Walker AP & Bouloux PM

- P16 Inducing weight loss with steroids: a case of neurosarcoidosis
Solomon AM, Mediawake R, Al-Damluji S & Beynon HL

Cytokines and Growth Factors

- P17 Seminal plasma activates signalling and gene expression via the EP4 receptor
Muller M, Sales KJ, Katz A & Jabbour HN
- P18 Modulation of the circulating insulin-like growth factor system in patients with gastrointestinal inflammation
Baricevic I, Nedic O, Jones DR & Nikolic JA
- P19 Age is an important determinant of the growth hormone response to sprint exercise in young men
Stokes KA, Nevill ME & Hall GM
- *P20 Low circulating ghrelin levels in gastrectomized patients do not affect the growth hormone response to insulin-induced hypoglycemia
Miljic D, Pekic S, Pesko P, Djurovic M, Doknic M, Petakov M, Damjanovic S, Micic D, Cvijovic G & Diguez C
- P21 Maternal cold exposure from mid to late gestation results in increased adipose insulin-like growth factor (IGF)-I mRNA expression and heavier birth weight with no effect on fat mass
Butt EA, Pearce S, Stephenson T & Symonds ME
- P22 Somatostatin abrogates GH-induced hepatocyte IGF-I transcription by inhibiting STAT5b phosphorylation and nuclear translocation
Murray RD, Kim K, Umehara Y & Melmed S
- P23 Variability in IGF-I assay performance undermines its contribution to the management of GH axis disorders
Pokrajac-Simeunovic A, Wark G, Wieringa GE & Trainer PJ
- P24 Exploiting phage technology for targeting gene delivery into the CNS
Gonzalez AM, Rayner J, Logan A, Larocca D, Berry M, Burg M & Baird A

Diabetes, Metabolism and Cardiovascular

- P25 Interference of signal transduction pathways by Baicalin in insulinoma cell line and its biological significance
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW
- P26 Rat pancreatic stellate-like cells differentiate into neuron
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW

- P27 Effects of *Syzygium cordatum* leaf extract on plasma glucose and hepatic glycogen in streptozotocin-induced diabetic rats
Musabayane CT, Mahlalela N, Shode FO & Ojewole JAO
- P28 Altered adrenomedullin (ADM) levels in the central nervous system (CNS) during acute experimental allergic encephalomyelitis (EAE)
Paul C & Bolton C
- *P29 Differential effect of maternal nutrient restriction in early to mid and late gestation on uncoupling protein-2 mRNA abundance in adipose tissue of the resulting offspring
Gnanalingham MG, Gopalakrishnan GS, Mostyn A, Dandrea J, Symonds ME & Stephenson T
- P30 Epidemiological study on glycemia control in patients with DM1 and DM2, Epicon study-baseline visit analysis
Sanabria MC, Rodriguez J, Badia X & Novials A
- P32 Metabolic effects of androgenic steroid abuse
Choudhury A, Roy Chowdhury S, Varughese GI, Connolly DL & Davies PH
- P33 Audit of management of diabetic ketoacidosis in a busy district general hospital
Pal A, Fowler L, Reddy R & Elsheikh M
- P34 Increased insulin resistance is strongly associated with decreased physical quality of life in elderly subjects from the Hertfordshire Cohort Study, independent of established IHD
Ambery PD, Crozier SR, Dennison EM, Aihie Sayer A, Phillips D, Cooper C & Cohort Study Group Herts
- P35 Instant ^{99m}Tc-ciprofloxacin scintigraphy for the diagnosis of osteomyelitis in the diabetic foot
Dutta PD, Bhansal A, Mittal BR, Singh B, Masoodi S, Reddy KSS, Ray P & Kumar V
- P36 Vasculopathy in Turner Syndrome: arterial dilatation and intimal thickening without endothelial dysfunction
Ostberg JE, Donald AE, Storry C, McCarthy C, Halcox JP & Conway GS
- P37 Increasing oestrogen dose reduces intima media thickness in women with Turner Syndrome
Ostberg JE, Storry C, Donald AE, Halcox JP & Conway GS
- *P38 Characterisation of adrenomedullin receptor (CRLR/RAMP2) expression in human microvascular endothelial cells
Schwarz N, Sidhu K, Kapas S & Hinson JP
- P39 Comparing daily glycaemic control with insulin glargine added to oral agents versus twice-daily premixed insulin alone in Type 2 diabetes
Janka HU, Plewe G, Kliebe-Frisch C, Schweitzer MA & Yki-Järvinen H
- P40 Evolution of insulin resistance in adolescent and young men
Charchar FJ, Tomaszewski M, Zukowska-Szczechowska E, Grzeszczak W & Dominiczak AF
- P41 The effects of maternal diet during late pregnancy and body shape at birth on postnatal plasma concentrations of insulin-like growth factor 1 (IGF1) and leptin
Litten JC, Perkins KS, Corson AM, Lean IJ & Clarke L
- P42 Electron beam CT measurement of coronary artery calcium allows individual risk assessment of CHD in UK diabetic patients
Jenkins PJ, McArthur T, Salek C, Tighe M & Howling SJ
- P43 Effect of ghrelin on insulin-stimulated glucose uptake in adipocytes and role of the growth hormone secretagogue receptor Type 1a
Patel A, Stanley SA, Gardiner JV, Ghatei MA, Frost G & Bloom SR
- Endocrine Tumours and Neoplasia**
- *P44 Expression of Bone Morphogenetic Protein receptors in human pituitary adenomas
Brown PL, Stoddart HL, Sidhu KK, Milligan TP & Burrin JM
- P45 Diagnosis of a gastrinoma in patients on proton pump inhibitor therapy
Lewis CJ, Dhillo WS, Meeran K & Todd JF
- P46 Fractionated urinary metanephrines and the diagnosis of pheochromocytoma
Perry CG, Sawka A, Singh R, Bajnarek J, Erickson D & Young Jr WF
- P47 Elevated FP receptor signalling in endometrial adenocarcinoma cells promotes expression of inflammatory and angiogenic genes via the EGFR and ERK1/2 pathways
List T, Boddy SC, Sales KJ & Jabbour HN
- P48 An audit of long-acting somatostatin receptor ligand therapy in acromegaly
Curran SE, Holmes C, Webb A, Gurnell M & Chatterjee VKK
- P49 Histopathological surprise in a clinically unsuspected patient of acromegaly: somatotropinoma with neuronal chorioma
Dutta P, Bhansali A, Dradotra B & Singh P
- P50 Dramatic response with medical treatment of an extensively invasive 'giant' prolactinoma with cabergoline
Muralidhara KS, Ahmed A & Darko D
- *P51 Prognostic value of carcinoembryonic antigen (CEA) in patients with the familial medullary thyroid carcinoma (FMTC)
Pulatova NR & Ismailov SI
- P52 Multiple hepatic embolisations are an effective treatment for metastatic gastrinoma
Martin NM, Morganstein DL, Higham CE, Jackson J, Todd JF & Meeran K

Growth and Development

- P53 An inducible gene expression model and expression microarray to determine regulators of human pancreatic beta cell differentiation
Dunleavy L, Piper K, Custard E, Worley H, Packham GK, Wilson DI & Hanley NA
- P54 Early development and subsequent metabolic parameters in Holstein-Friesian dairy cows
Swali A, Taylor VJ, Beever DE & Wathes DC
- P55 Intermittent recombinant growth hormone (Saizen) treatment in short children born small for gestational age: results of two different treatment regimens on growth parameters after four years
Simon D, Fjellestad-Paulsen A, Crabbé R & Czernichow P
- P56 The effect of thyroid hormone (T₃) and a beta-adrenoceptor agonist on uncoupling protein 3 (UCP3) mRNA expression in porcine adipose tissue (AT)
Bos PM, Litten JC, Perkins KS, Laws J, Symonds ME, Mostyn A & Clarke L
- P57 The influence of environmental temperature and hormonal manipulation on adipose tissue (AT) uncoupling protein (UCP) 3 expression in neonatal pigs
Elmes M, Litten JC, Perkins KS, Laws J, Symonds ME, Mostyn A & Clarke L
- P58 11β hydroxysteroid dehydrogenase type 2 (11βHSD2) is expressed in omental fat of week old lambs
Davies D, Symonds ME & Gardner D
- P59 Is the bone mineral density of adults with GH deficiency and GH-insufficiency truly reduced?
Murray RD, Adams JE & Shalet SM
- P60 Urokinase-type plasminogen activator: a novel ligand for anosmin-1, the protein implicated in X-linked Kallmann's syndrome
Hu Y, Gonzalez-Martinez D, Kim SH & Bouloux P

Neuroendocrinology and Behaviour

- P61 Stress hyporesponsiveness during pregnancy and parturition: sympathetic and adrenal medulla responses in rodents
Douglas AJ, Briam V & Bales J
- P62 Gender and species barrier are linked in BSE transmission to mice
Abiola OO, Iyegbe C, Plomin R, Anderton BH & Whatley SA
- P63 Serum prolactin levels in patients with non-functioning pituitary adenomas and craniopharyngiomas
Shore HCA, Karavitaki N, Meston N, Turner HE & Wass JAH

- P64 A rare presentation of a neuroendocrine tumor
Attili SK, Choudhury A, Roy Chowdhury S, Varughese GI & Davies PH
- P65 Characterization of formylated peptide receptor expression in murine brain, pituitary and adrenal tissue
Sahni V, John CD, Buckingham JC & Solito E
- *P66 A comparative growth hormone study in acromegaly
Patel D, Appleby-Deen F, Cox J & Johnston DG
- P67 Pituitary function in adults treated for acute lymphoblastic leukaemia (ALL) during childhood
McGregor EJ, Jenkinson H, Griffiths A & Toogood AA
- P68 Management dilemmas in an acromegalic twelve years after surgery for subarachnoid haemorrhage
Ahmed A & Darko D
- P69 Prolactin secretion in the male annexin 1 knockout mouse: effects of gonadectomy and testosterone replacement
Cover PO, Alexander A, McArthur SR, John CD, Morris JF, Christian HC & Buckingham JC
- P70 Blood cerebrospinal fluid barrier (BCB) for TSH, prolactin and insulin in pregnancy
Lutescu I, Gussi IL, Banceanu G & Coculescu M
- P71 Ghrelin increases food intake in obese as well as lean subjects
Druce MR, Wren AM, Park A, Milton J, Patterson M, Frost G, Ghatei M, Small C & Bloom SR
- *P72 The C terminal decapeptide from the kisspeptin stimulates calcium transients in human FNCB4 GnRH expressing human olfactory neuroblasts
Gonzalez-Martinez D, Bolsover S, Seminara S, Crowley WF & Bouloux PMG

Reproduction

- P73 Expression of 20α hydroxysteroid dehydrogenase in the adrenal cortex during pregnancy
Shilian L, Krup M & Weinstein Y
- P74 Effect of gonadotrophin and insulin on the balance of sterol regulatory element-binding protein (SREBP) isoforms in human granulosa cells
Richardson MC, Cameron IT, Simonis CD, Das MC, Hodge TE, Zhang J & Byrne CD
- P75 Evidence for a role of the Type 1 IGF receptor in early follicular development in cultured human ovarian tissue
Stubbs S, Margara R, Trew G, Lavery S, Franks S & Hardy K

P76 Variation in pituitary expression of betaglycan, activin receptor subtypes (Type I, IIA, IIB) and GnRH receptor during the ovulatory cycle of the domestic hen
Lovell TM, Knight PG & Gladwell RT

P77 Do androstenedione and DHEAS contribute to the diagnosis of PCOS in GP patients?
Noyce CS, Talbot RM & Armston AE

P78 Androgens inhibit atresia and retard early development of ovarian follicles: a model for PCOS?
Qureshi AI, Bano G, Whitehead S, Nussey SS & Mason HD

*P79 Changes in ovarian modulators of Type 1 11beta-hydroxysteroid dehydrogenase (11BHS1) activity during porcine follicular growth
Sunak N, Thurston LM & Michael AE

P80 Arterial viscoelastic properties and blood pressure in pregnant women with polycystic ovary syndrome
Hu S, Seifalian AM & Hardiman P

Steroids

P81 Discrepancy between random serum cortisol levels and short synacthen test results in a patient with adrenal insufficiency
Varughese GI, Robson GE, Roy Chowdhury S, Warner DP & Barton DM

P82 Phytoestrogens inhibit mRNA expression and activity of aromatase in human granulosa-luteal (GL) cells
Rice S & Whitehead SA

P83 Familial glucocorticoid deficiency Type 2 is associated with mutations in a novel gene encoding a small single transmembrane domain protein
Metherell LA, Chapple JP, Cooray S, Becker C, Begeot M, Naville D, Nurnberg P, Huebner A, Cheetham ME & Clark AJL

P84 Patient self-monitoring of hydrocortisone replacement
Gardner SG, Wood P, Turner HE, Shine B & Wass JAH

P85 Glucocorticoid metabolism in fatty liver induced by a choline-deficient diet in mice
Raubenheimer PJ, Nyirenda MJ & Walker BR

P86 Functional properties and utility of fusion proteins of type II 3beta-hydroxysteroid dehydrogenase and green fluorescent protein
Mason JI, Binz T, Howie AF, Morley SD, Pang S & Sinclair HM

P87 Variability in hydrocortisone pharmacokinetics following intravenous and oral administration in patients with adrenal insufficiency
Devers MC, Thomson AH, Freel M, Grant D, Campbell K, Wallace M & Connell JMC

Thyroid

P88 Pitfalls of 99mTc-pertechnetate scintigraphy in postpartum thyrotoxicosis
Levy MJ, Allen D, Mehta S, Cunningham DA, Robinson S & Dhawan R

P89 Thyroid hemiagenesis associated with Graves' disease
Abdalla TME & Stanaway SERS

P90 The irrelevance of anti-thyroid peroxidase antibodies
Toumadj N, Patel NH & Meeran K

Attended Posters

Will be attended on 3 November 2004

DIABETES STRAND ATTENDED POSTERS

Diabetes, Metabolism and Cardiovascular

- DP1 Anticoagulation-related life threatening electrolyte imbalance in a patient with diabetes mellitus
Varughese GI, Robson GE, Aldcroft J, Roy Chowdhury S, Barton DM & Warner DP
- DP2 Interference of signal transduction pathways by Baicalin in insulinoma cell line and its biological significance
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW
- DP3 Rat pancreatic stellate-like cells differentiate into neuron
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW
- DP4 Rat bone marrow mesenchymal stem cells transdifferentiate into islet-secreting cells *in vitro*
Jia YJ, Zhou Y, Sun JP, Yang YJ & Dong WW
- DP5 Dietary compliance of patients with Type 2 diabetes in primary care in Greater Nottingham
Hirst AD, McCullough FSW, Brown L & Tucker GA
- DP6 Assessing the effects of dehydroepiandrosterone replacement on insulin sensitivity and skeletal muscle physiology in hypoadrenal women
Dhatariya K, Bigelow ML & Nair KS
- DP7 Metabolic effects of androgenic steroid abuse
Choudhury A, Roy Chowdhury S, Varughese GI, Connolly DL & Davies PH
- DP8 Audit of management of diabetic ketoacidosis in a busy district general hospital
Pal A, Fowler L, Reddy R & Elsheikh M
- DP9 Increased insulin resistance is strongly associated with decreased physical quality of life in elderly subjects from the Hertfordshire Cohort Study, independent of established IHD
Ambery PD, Crozier SR, Dennison EM, Aihie Sayer A, Phillips D, Cooper C & Cohort Study Group Herts
- DP10 All men attending diabetes clinics should have serum testosterone measure as it correlates with HDL and sexual dysfunction
Weller A & Seal L
- DP11 Hyperinsulinaemic hypoglycaemia in a pregnant patient with human immunodeficiency virus (HIV) infection
Edavalath M, Baskar S, Gama R, Mann JS & Buch HN
- DP12 Sickle Cell trait and gender influence type 2 diabetic complications in African patients
Kolawole BA, Ajayi AA & Ikem RT
- DP13 Histopathological surprise in a clinically unsuspected patient of acromegaly: somatotropinoma with neuronal choristoma
Dutta P, Bhansali A, Dradotra B & Singh P
- DP14 Insulin secreted in response to high glucose prevents beta-cells from undergoing apoptosis
Muller D, Burns CJ, Jones PM & Persaud SJ
- DP15 A pilot study of prolonged high dose rosiglitazone therapy (12mg/day) in Nelson's syndrome
Munir A, Song F, Ince P, Ross R & Newell-Price J
- DP16 Vasculopathy in Turner Syndrome: arterial dilatation and intimal thickening without endothelial dysfunction
Ostberg JE, Donald AE, Storry C, McCarthy C, Halcox JP & Conway GS
- DP17 Increasing oestrogen dose reduces intima media thickness in women with Turner Syndrome
Ostberg JE, Storry C, Donald AE, Halcox JP & Conway GS
- DP18 Insulin transgene overexpression: a tool for characterisation of beta-cell phenotype in transdifferentiation studies
Aldibbiat A, Scougall KT, Campbell SC, Macfarlane WM & Shaw JAM
- DP19 Cyclo-oxygenase 2 and prostaglandin E2 protect against apoptosis in MIN6 insulin-secreting cells
Papadimitriou A, Muller D, Jones PM, Burns CJ & Persaud SJ
- DP20 The effects of maternal diet during late pregnancy and body shape at birth on postnatal plasma concentrations of insulin-like growth factor 1 (IGF1) and leptin
Litten JC, Perkins KS, Corson AM, Lean IJ & Clarke L
- DP21 Electron beam CT measurement of coronary artery calcium allows individual risk assessment of CHD in UK diabetic patients
Jenkins PJ, McArthur T, Salek C, Tighe M & Howling SJ
- DP22 Euglycaemic diabetic ketoacidosis in pregnancy
Pal A & Simpson H
- DP23 Failure of suppression of endogenous glucose production (EGP) diminished lipolysis and free fatty acid (FFA) oxidation in a population at high risk for the development of Type 2 diabetes
Forbes S, Robinson S, McCarthy MI, MacDonald IA, Bannister P, Venketesan S & Johnston D
- DP24 Inducing weight loss with steroids: a case of neurosarcoidosis
Solomon AM, Mediwake R, Al-Damluji S & Beynon HL



Notes



Notes



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