70th Anniversary: Body weight regulation – food, gut and brain signalling

Royal College of Physicians

Winter Meeting
6 – 7 December 2011
11 St Andrews Place, Regent’s Park,
London NW1 4LE

Provisional programme

BDA endorsement applied for
GENERAL INFORMATION

This meeting is open to Members of The Nutrition Society and other individuals paying the appropriate registration fee. The proceedings of the meeting may not be published, nor communicated to any person except by direct negotiation with and agreement of the Nutrition Society. Press enquiries for this meeting should be directed to The Nutrition Society: +44 (0)20 7605 6557.

Venue: The Royal College of Physicians, St Andrew’s Place, Regent’s Park, London NW1 4LE.

Scientific Organiser: Dr Alexander Ross, University of Aberdeen (a.ross@abdn.ac.uk).

Registration: Registration for this meeting will open on 1 September 2011 and delegates will be able to access the online form via the Nutrition Society website (www.nutritionsociety.org). Those wishing to pay the registration fee by cheque will be able to download a PDF form from the site or request a copy by post.

Registration Fees: The following registration fees (inclusive of lunch and refreshments) will apply:

<table>
<thead>
<tr>
<th>Category</th>
<th>Earlybird rate (until 28 October 2011)</th>
<th>Full rate (29 October–21 November 2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Members of the Nutrition Society</td>
<td>£180</td>
<td>£250</td>
</tr>
<tr>
<td>Non-members</td>
<td>£290</td>
<td>£360</td>
</tr>
<tr>
<td>Student Members</td>
<td>£75</td>
<td>£100</td>
</tr>
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A special 70th anniversary rate of £150 will be available to the first 50 members of the Nutrition Society, excluding student members who book by 30 September 2011.

The final registration deadline is 21 November 2011.

Meals and Social Functions: Lunches are provided as part of the registration fee and will be served in the Osler Long Room. This is the final event of the Society’s 70th anniversary year and to celebrate, there will be a free Welcome Reception on Tuesday 06 December from 17.15–18.30 in the Osler Long Room.

Travel Information: The Royal College of Physicians is conveniently located next to Regent’s Park in the centre of London and within easy access of the following underground stations: Regents Park (Bakerloo Line) 3 minutes walk; Great Portland Street station (Circle, Hammersmith and City and Metropolitan Lines) 5 minutes walk; Warren Street Station (Victoria and Northern lines) 10 minutes walk. The national rail stations of Paddington, Euston and King’s Cross are all nearby and just a few minutes journey by taxi. All of the other London terminals can be reached by underground or taxi. The main entrance can be reached by approaching the Outer Circle from Park Square East and the A501 Marylebone Road. The venue is easily accessible via underground and mainline rail from all of London’s airports including Heathrow, Gatwick and Stanstead. For further information please see: http://www.rcplondon.ac.uk/about/visit-us.

Car parking: Delegates should note that there is no car parking available at the RCP. Disabled parking spaces can be organised by emailing the Conference Officer; k.johansson@nutsoc.org.uk. For information on nearby car parks, please visit the RCP website: http://www.rcplondon.ac.uk/about/visit-us.

Accommodation: Delegates requiring accommodation are advised to contact Hotel Reservations Ltd. As the recommended booking agent of the RCP they will be able to offer special rates for local hotels. For enquiries and bookings, please visit: https://hotelres.co or email res@hotelreservations.uk.com.

Original Communications submission deadline: 19 September 2011

Abstracts of Original Communication must be submitted online using the electronic submission form available at www.nutritionsociety.org. Completion of this form includes electronic submission of copyright and authors must comply with the current instructions to authors available on the submission page. Original Communications will no longer be edited and abstracts accepted for this meeting will be copy-edited for house-style and published online in the Proceedings of the Nutrition Society without further correspondence with the author. Two student prizes will be awarded for the best Original Oral and Poster Communications. The programme of Original Communications accepted for this meeting will be available on the Society’s website: www.nutritionsociety.org. The printed Original Communications programme and abstract booklet will be distributed at registration.

Registration Desk: The registration desk will be situated in the foyer of the Royal College of Physicians and will be open from 09.00 to 17.00 on the Tuesday and between 09.00 and 14.30 on the Wednesday.

Enquiries: Further particulars concerning attendance at and organisation of this meeting may be obtained from the Conference & Marketing Officer, The Nutrition Society, Unit 10 Cambridge Court, 210 Shepherd’s Bush Road, London, W6 7NJ, UK; email: k.johansson@nutsoc.org.uk; telephone: +44 (0)20 7605 6557.
PROGRAMME

70th Anniversary: Body weight regulation – food, gut and brain signalling
Tuesday 6 December 2011

09.00-09.30  Registration and coffee
09.30-09.40  Welcome and Opening of Meeting
09.40-10.20  Plenary Lecture I: Professor Jens Holst (Panum Institute, Copenhagen, Denmark)
Gut hormones and glucose metabolism

10.20-10.45  Coffee

Symposium I: Food-gut interactions

10.45-11.15  Professor Daniel Tome (INRA, Paris, France)
Nutrient sensing and signalling by the gut

11.15-11.45  Dr Fiona Gribble (Wellcome Trust/MRC, Cambridge, UK)
Molecular mechanisms of incretin hormone release - lessons from primary cell studies

11.45-12.15  Dr Thomas Riediger (University of Zurich, Switzerland)
The receptive function of hypothalamic and brainstem centres to hormonal and metabolic signals affecting energy balance

12.15-13.15  Lunch

13.15-14.30  Original Communications Session I

14.30-15.10  Plenary Lecture II: Professor Hans Berthoud (Louisiana State University, USA)
Emotional, cognitive, and metabolic drives to eat: Who is the boss?

15.10-15.30  Coffee

Symposium II: Gut-brain interactions

15.30-16.00  Professor Gary Frost (Imperial College, London, UK)
Short chain fatty acids: a new look at nutrient sensing

16.00-16.30  Professor Suzanne Dickson (University of Gothenburg, Sweden)
The role of the central ghrelin signalling system in food reward and food motivation

16.30-17.00  Dr Rachel Batterham (University College London, UK)
Dieting, bariatric surgery and gut hormones
Wednesday 7 December 2011

09.00-09.30 Coffee

09.30–11.00 Original Communications session II

11.00-11.40 Plenary Lecture III: Professor Edmund Rolls (University of Oxford, UK)
Taste, olfactory and food reward representations in the brain, and their interaction with satiety signals

11.40–12.00 Coffee

Symposium III: Brain signalling and onward communications

12.00-12.30 Dr Daniela Cota (University of Bordeaux, France)
New mechanisms underlying the role of the mTORC1 pathway in the hypothalamic control of energy balance

12.30-13.00 Dr Paul Smeets (University of Utrecht, The Netherlands)
Food-induced brain responses and eating behaviour

13.00-13.30 Professor Roger Adan (University of Utrecht, The Netherlands)
Ghrelin and neurons anticipating food

13.30–14.30 Lunch and close of meeting

*Please note - this programme is provisional and is subject to change. The final programme will be printed in the abstract booklet and will be available at the meeting.
NUTRITION SOCIETY WINTER MEETING

70th Anniversary: Body weight regulation – food, gut and brain signalling

Royal College of Physicians, London, UK; 6 – 7 December 2011

BOOKING CONDITIONS

1. Payment must accompany the Registration Form. Cheques to be made payable to “Cambridge University Press”, crossed a/c payee and must be drawn on a United Kingdom Bank in pounds sterling. Credit Card payments are accepted for this meeting.

2. The following registration fees (inclusive of lunch and refreshments) will apply: Members of the Nutrition Society: Full rate £250, earlybird (by 28 October 2011) £180 or Special 70th anniversary rate (first 50 members who book by 30 September 2011) £150; Non Members: Full rate £360 or earlybird (by 28 October 2011) £290; Student Members of the Nutrition Society: Full rate £100 or earlybird (by 28 October 2011) £75.

3. Any cancellation after the registration deadline 21 November 2011 or a non-attendance at the conference carries a 100% cancellation fee. Any refund made before this deadline may be subject to a 20% administrative charge. The Nutrition Society cannot refund delegates who fail to attend the conference due to reasons outside their control, if the conference takes place as planned.

4. All delegates are required to comply with the venue’s occupational health and safety requirements.

5. The Nutrition Society will not be held responsible for any reason outside their control should the conference or any associated event not be able to commence or be curtailed for any reason.

6. The Nutrition Society will not be responsible for anyone not being able to participate in this meeting due to it being over subscribed.

7. The Nutrition Society will not be held responsible for any loss or damage of personal items of the delegates or exhibitors or injury caused to a conference delegate or exhibitor at the Royal College of Physicians or any other venue used in connection with the meeting. Participants are advised to organise their own personal travel and health insurance.

8. All delegates and exhibitors must register at the Conference Registration Desk. Details will be confirmed in the final delegate letter, which will be forwarded before the conference commencement date.

9. Should you have any special requirements, such as medical dietary needs, medical or access requirements these must be advised to the conference organisers at the time of booking.

10. All delegates will be sent final confirmation details by Friday 25 November 2011. The final programme and abstract booklet will be available upon registration at the conference.

The Nutrition Society is registered in Cardiff as a UK company, limited by guarantee No 1274585.

Registered Charity Number: 272017.

Registered Office: 10 Cambridge Court, 210 Shepherds Bush Road, London W6 7NJ, UK. VAT No: 974807869

For further queries please contact The Conference Officer, Katarina Johansson:

k.johansson@nutsoc.org.uk; tel: +44(0) 20 7605 6557
The Nutrition Society Winter Meeting
70th Anniversary: Body weight regulation – food, gut and brain signalling
6 – 7 December 2011, Royal College of Physicians, London, UK

BOOKING FORM
Online registration available at www.nutritonsociety.org

REGISTRATION
Surname (BLOCK LETTERS) __________________________ Title __________
First name __________________________ Sex M ❑ F ❑
Full address for mailing __________________________ Postcode __________
Telephone (day) __________________________ Email __________________________
Institute/Organisation [for delegate list] __________________________

Are you a member of The Nutrition Society for 2011? Yes ❑ No ❑ Membership No __________
Are you a student member of The Nutrition Society for 2011? Yes ❑ No ❑ Membership No __________
Are you a vegetarian? Yes ❑ No ❑
Do you have any other special medical dietary needs? Yes ❑ No ❑
(if yes please specify) __________________________

REGISTRATION FEE (inclusive of tea, coffee and lunch)
Nutrition Society Members
Special 70th anniversary rate £150
Earlybird rate £180
Full rate £240
Non-Members
Earlybird rate £290
Full rate £360
Nutrition Society Student Members
Earlybird rate £75
Full rate £100

Total registration fee £ __________
Please see the booking conditions on page 6 for registration deadlines.

REGISTRATION: please indicate days of attendance
Tuesday 6 December 2011 NS Meeting Yes ❑ No ❑
Welcome Reception (free of charge) Yes ❑ No ❑
Wednesday 7 December 2011 NS Meeting Yes ❑ No ❑

PAYMENT DETAILS
❑ Cheque payable to “Cambridge University Press” in sterling drawn against a UK bank
❑ Credit /Debit Card (complete details below) (Maestro, Solo and Laser cards not accepted)
Card Type __________________________
(e.g. VISA) __________________________ Expiry Date __________ Start Date __________
Cardholder’s Name __________________________ Card Number __________________________
Security Code __________________________ The card security code is a unique three or four-digit number above the signature
strip at the back or above the account number on the front of the card
Signature __________________________

PLEASE RETURN PAYMENT & COMPLETED BOOKING FORM TO: The Nutrition Society Membership Office,
Customer Services, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge, Cambridge CB2 8RU
Email: memberservices@cambridge.org
The aim of this 1½ day event is to promote further understanding of the nutritional aspects of the interaction between the gut and the brain from sensing nutrients in the gut, communicating nutritional status to the brain to the production of brain responses to alter energy balance. National and international experts in the field will explore fully the effects of nutrition on gut function and how the brain responds to nutrient induced signals.

Who should attend:
Nutritionists
Dietitians
Policy-makers
Academics
Food industry representatives
Students
Researchers

Why you should attend:
Gain a wider understanding of a range of new concepts in nutritional science, particularly in nutrient: gut: brain interactions
Listen to the experts present the latest cutting edge research
Network with colleagues from your field
Keep your CPD requirements up to date
Participate in discussions around key Original Communications in the area of nutritional science