

FULL PROGRAMME

Sunday evening 28th June

- 5.00-8.00pm **Registration** - HRB Lobby
6.00-8.00pm **Welcome Reception** in first floor common room
Later Free time for dinner & socialising in local restaurants/bars

Venue: All symposia will be held in the HRB Lecture Theatre- access from the lobby

Monday 29th June

- 8.30am **Registration open** - HRB Lobby
9.00 **Welcome** - Alison Douglas
- 9.10 **Symposium 1: Obesity and metabolism**
Chair: **Gareth Leng & Nancy Sabatier**
- 9.10-9.40 **Giles Yeo** (Cambridge) 'What is the physiological role of FTO'
9.40-10.10 **Kirsty Smith** (London) "Methods for investigating the hypothalamic regulation of energy balance"
10.10-10.40 **Patrik Rorsman** (Oxford) 'Suppression of glucose-stimulated insulin secretion by high-fat feeding: disassembly of a calcium channel:secretory granule complex'
10.40-10.55 **Michael Helwig** (Munich, Germany) 'Proteomic profiling of mouse hypothalamus in strains susceptible or resistant to diet-induced obesity'
10.55-11.10 **Rachel Clapp** (Manchester) 'Histaminergic regulation of appetite through H₁R and H₃R in the ventromedial hypothalamic nucleus'
- 11.10-11.40 **Coffee/tea** in first floor common room
11.40-12.45 **Poster session I** in HRB library
12.45-1.45 **Lunch** in first floor common room
- 1.45 **Symposium 2: Reproduction and stress**
Chair: **Bob Millar & Paula Brunton**
- 1.45-2.15 **Kevin O'Byrne** (London) 'Stress, kisspeptin and the GnRH pulse generator'
2.15-2.45 **Manuel Tena Sempere** (Cordoba, Spain) 'Kisspeptins and GPR54: New essential players in the neuroendocrine control of puberty onset and fertility'
2.45-3.15 **Alistair Dawson** (Edinburgh) 'Control of the annual cycle of GnRH-I secretion in birds.'
3.15-3.30 **Jason Davis** (Radford, USA) 'Patterns of neuroendocrine function of native and invasive passerines in high altitude environments'
3.30-3.45 **Francesca Spiga** (Bristol) 'Dose-dependent effects of corticosterone on glucocorticoid receptor translocation and DNA binding in the brain and pituitary of the rat'
- 3.45-4.15 **Coffee/tea** in first floor common room
- 4.15-5.15 **Mortyn Jones Memorial Lecture**
Chair: **Megan Holmes**
Dave Grattan (NZ) "Prolactin and the neuroendocrine adaptations of the maternal brain"
- 5.15-6.00 **AGM** – with refreshments. HRB Lecture theatre
- 7.30pm **Conference dinner – Victorias Italian restaurant (George IV Bridge)**

Tuesday 30th June

- 9.00-9.30 **Michael Harbuz Prize Lecture**
Chair **Helen Christian**
Speaker **Alexander Tups** (Marburg, Germany) 'Implication of hypothalamic phosphatidylinositol3-kinase in nutrient sensing, glucose metabolism and energy homeostasis'
- 9.30-10.30 Oral communications symposium**
Chair **Simone Meddle and Doug Wacker**
- 9.30-9.45 **Simone Motta** (San Paulo, Brazil) 'A discrete hypothalamic region is critical for behavioural responding in rival conspecific intruders: neuroendocrine perspectives'
- 9.45-10.00 **Annika Herwig** (Aberdeen) 'Raising juvenile Siberian Hamsters in short days induces early changes in photoperiodically regulated gene expression'
- 10.00-10.15 **Preeti Jethwa** (Nottingham) 'Effects of overexpression of the gene encoding agouti-related peptide (AgRP) on food intake, energy expenditure and body weight in the Siberian Hamster'
- 10.15-10.30 **Ian Dunn** (Edinburgh) 'Diurnal changes in thyrotrophin stimulating hormone β (TSH β) gene expression in the avian pars tuberalis (PT) under long and short day conditions'
- 10.30-11.00 **Coffee/tea** in first floor common room
- 11.00-12.15 **Poster session II** in HRB library
- 12.15-1.15 **Lunch** in first floor common room
- 1.15 **Symposium 3: Cellular Neuroendocrinology**
Chair **Gerald Lincoln and Vicky Tobin**
- 1.15-1.45 **Sandrine Dupré** (Manchester) "Photoperiodism in Mammals: what are the long day signals?"
1.45-2.15 **David Spanswick** (Warwick) "Sensing energy status: integration and neural processing of neurohormonal signals in the arcuate nucleus of the hypothalamus".
2.15-2.45 **Rory Duncan** (Edinburgh) 'Regulating SNARE interactions at the plasma membrane'
2.45-3.15 **Helen Christian** (Oxford) 'Prolactin secretion from subsets of lactotrophs: the role of steroids and peptides'
- 3.00-3.30 **Coffee/tea** in first floor common room
- 3.30-3.45 Prize giving. Chair- **Fran Ebling**
- 3.45-4.45 **BSN Annual Lecture**
Chair **Fran Ebling**
Julian Davis (Manchester) 'Lights on in the pituitary: patterns of gene expression in living cells'
- 4.45 **Close of meeting- Mike Ludwig**