



Preliminary programme – subject to change

Sunday 10th September

- 12:00-12:55 ESR event registration & buffet lunch
TBC
- 13:00-14:45 ESR event – Grants and their review process
TBC
- 14.45-15.15 *Coffee/tea*
- 15:15-16:00 Using bioluminescence and fluorescence reporter technology in neuroendocrinology.
*Dr Robert Dallmann, University of Warwick
(A29; School of Veterinary medicine and sciences)*
- 16:00 - Registration open for all (*School of Veterinary medicine and sciences atrium*)
- 16:00-17:25 BSN steering committee meeting (*TBC*)
- 17:30-18:30 Alison Douglas lecture (*A30; School of Veterinary medicine and sciences*)
Prof Julia Buckingham, Brunel University London
- 18:30- Welcome Reception (*Campus canopy*)



Monday 11th September

All lectures are in A30; *School of Veterinary medicine and sciences*

08:00-08:45 Registration (*School of Veterinary medicine and sciences atrium*)

09:00-10:00 Plenary - British Society of Neuroendocrinology Lecture
Prof David Hazlerigg

Symposia 1 Mathematical modelling of neuroendocrine systems

Chairs: *Francesca Spiga and Joel Tabak*

10:00-10:40 Global Analysis of the Electrical Activity of Pituitary cells
Prof Richard Bertram, Florida State University

10:40-11:00 Injection, spiking, secretion, plasma: an integrated model of
stimulus response in oxytocin neurones
Duncan McGregor, University of Edinburgh

11:00-11:30 *Tea/Coffee break*

Symposia 1 Mathematical modelling of neuroendocrine systems
cont.....

Chairs: *Francesca Spiga and Joel Tabak*

11:30-11:50 TBC.

Margaritis Voliotis, University of Exeter:

11:50-12:10 Using high content imaging data for mathematical modelling of
GnRH signalling.
Kathryn Garner, University of Bristol

12:15-13:00 Data Blitz (project group A)

13:00-14:30 Lunch and Poster session
INF committee meeting (TBC)

14:30-16:00 Short oral presentations
Chairs – TBC

16:00-17:30 AGM

18:00- Coach to conference dinner (Bus stop)

18:30 Conference Dinner at the National Space Centre, Leicester



Tuesday 12th September

- 08:00-08:45 Registration (*School of Veterinary medicine and sciences atrium*)
- 09:00-09:30 Michael Harbuz Young Investigator Prize
Symposia 2 Gut-brain axis and neuroendocrine function
Chair: TBC
- 09:30-10:00 The Microbiome, gut and brain axis
Prof John Cryan, University College Cork
- 10:00-10:30 Interaction of the brain and the gut microbiome in relation to disease
Dr Louise Oloffson, University of Gothenburg
- 10:30-11:00 Tea/coffee break
- 11:00-11:30 Circadian Rhythm of gut brain axis: Onset of obesity
Prof Inge Depoortere, Translational Research Centre for Gastrointestinal Disorders
- 11:30-12:00 Short oral communication
- 12:00-12:30 Data Blitz (Project group B)
- 12:30-14:00 *Lunch and Poster session*
- Symposia 3- Nutrients, chronobiology and neuroendocrinology
Chair: *Robert Dallman & TBC*
- 14:00-14:30 Amino acids and gut hormone release in the regulation of energy intake.
Dr Kevin Murphey, Imperial College London
- 14:30-15:00 Chronobiology, metabolism and nutrients in humans
Dr Jon Johnston, University of Surrey
- 15:00-15:30 Nutrient sensing by hypothalamic tanycytes
Matei Bolborea, University of Warwick
- 15:30-15:45 Photoperiodic effects of FGF-21
Dr Jo Lewis, University of Nottingham



- 15:45-16:00 The relationship of sleep and chronotype to diurnal glucose control in gestational diabetes
Dr Alia Alnaji, Leeds Institute of Cardiovascular and Metabolic Medicine
- 16:00-16:15 *Prizes for posters*
- 16:15 *End of meeting*
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