



**BSN**

# British Society for Neuroendocrinology



## ANNUAL MEETING - BRADFORD 2025

University of Bradford, Richmond Road, Bradford BD7 1DP

### Programme

Sunday 31 August 2025 - Wednesday 3 September 2025

#### Local Organising Committee:

Dr Gisela Helfer  
Dr Stuart Dickens  
Dr Giulia Grimaldi  
Dr Harsha Kantamneni  
Dr Samantha Mclean  
Dr Peter Nicholls

# BSN Annual Meeting 2025 Programme

**Sunday 31 August 2025**

## **Early Career Researcher Meeting: Transitions and Leadership**

14:45 - 18:00, Student Central, University of Bradford, United Kingdom

**15:00 - 16:00 ECR Event: Panel discussion**

Panel discussion addressing the challenges faced in the early stages of an academic career. Panellists will share their personal experiences and offer strategies for transitioning into leadership roles at different career stages.

16:00 - 16:30

Coffee Break

**16:30 - 18:00 ECR Event: Workshop**

Participants will take part in a series of focused, 20-minute workshops led by the panel members. Each session provides practical guidance and space for discussion around four core themes.

16:30 - 16:50

**Academic branding and public communication**

Dan Brierley, University College London, United Kingdom

16:50 - 17:10

**Collaboration and networking**

Monica Imbernon, Queen Mary University London, United Kingdom

17:10 - 17:30

**Written communication and shaping scientific ideas**

Su Young Han, University of St Andrews, United Kingdom

17:30 - 17:50

**Leadership**

David Garcia Galiano, University of Córdoba, Spain

18:00 - 19:00

ECR Pub Social & Speed Networking

## Monday 1 September 2025

### Registration

1 September 2025 08:00 - 09:00

08:55 - 09:00

Welcome and housekeeping

### Symposium 1: Endocrine disruption by environmental factors

1 September 2025 09:00 - 10:30

#### Co-Chairs

Dan Brierley

University College London, UK

Manuel Jiménez-Puyer

University of Córdoba, Spain

09:00 - 09:30

**Bisphenol A as an obesogen: Effects on neuropeptide Y neurons**

Denise Belsham, University of Toronto, Canada

09:30 - 10:00

**The exciting journey to create a natural product for supporting glucose metabolism**

Alexander Tups, University of Otago, New Zealand

10:00 - 10:15

**Long-term, dynamic remodelling of the corticotroph transcriptome and excitability after a period of chronic stress**

Peter Duncan, University of Edinburgh, United Kingdom

10:15 - 10:30

**Radiation-induced hypopituitarism and neuroendocrine functions of NG2-glia**

Richard Clayton, The Francis Crick Institute, United Kingdom

10:30 - 11:00

Coffee

### Mortyn Jones Lecture

1 September 2025 11:00 - 12:00

#### Chair

Neil Evans

University of Glasgow, UK

11:00 - 12:00

**Melanocortin neuropeptides: a story of Science and Serendipity**

Professor Anne White, University of Manchester, United Kingdom

12:00 - 14:00

Lunch/Networking/Posters

## Selected ECR Oral Communications From Abstracts

1 September 2025 14:00 - 15:30

### Chair

Isadora Clivatti Furigo  
University of Coventry, UK

14:00 - 14:15

**FOXP1 differentially regulates the development of murine vasopressin and oxytocin magnocellular neurons**

Jari Berkhout, Leiden University Medical Center, The Netherlands

14:15 - 14:30

**Preserved AVP-induced spiking in male murine corticotrophs during chronic stress and recovery**

Sooraj Nair, University of Edinburgh, United Kingdom

14:30 - 14:45

**Kisspeptin signaling beyond reproduction: Chemoanatomical characterization and functional insights**

Vito S. Hernández, National Autonomous University of Mexico, Mexico

14:45 - 15:00

**Gpr75 loss of function protects against obesity and lipid accumulation**

Alasdair Leeson-Payne, University of Aberdeen, United Kingdom

15:00 - 15:15

**Cell-type unbiased characterisation of brainstem neuronal populations recruited by semaglutide**

Lauren Jones, University of College London, United Kingdom

15:15 - 15:30

**Establishing a model to investigate respiratory changes during pregnancy using radiotelemetry**

Teodora Georgescu, University of Otago, New Zealand

15:30 - 16:00

Coffee

## BSN AGM

16:00 - 17:00

## Welcome Reception

18:00 - 20:00 Student Central, University of Bradford, United Kingdom

**Tuesday 2 September 2025**

**Symposium 2 : Rhythms and hormonal interactions**

2 September 2025 09:00 - 10:30

**Co-Chairs**

Stephen Manchishi  
University of Zambia, Zambia

Rebecca Dumbell  
Nottingham Trent University, UK

09:00 - 09:30

**Circadian metabolism and chrono-nutrition in humans**

Jonathan Johnston, University of Surrey, United Kingdom

09:30 - 10:00

**Beyond neurons: The hidden power of astrocytes in insulin-driven metabolic control**

Beatrice Maria Filippi, University of Leeds, United Kingdom

10:00 - 10:15

**Chemogenetic manipulation of circadian entrainment via a population of vasopressinergic retinal ganglion cells that project to the SCN undergoing an experimental jetlag paradigm**

Chris Coyle, University of Edinburgh, United Kingdom

10:15 - 10:30

**Brainstem noradrenergic neurons suppress the activity of the kisspeptin GnRH pulse generator in mice**

Szilvia Vas, University of Cambridge, United Kingdom

10:30 - 11:00

Coffee

**Alison Douglas Lecture:**

2 September 2025 11:00 - 12:00

**Chair**

Miguel Ruiz Cruz  
University of Cambridge, UK

11:00 - 12:00

**The amazing diversity of hypothalamic neurons, as well as the trainees doing the research**

Professor Denise Belsham, University of Toronto, Canada

12:00 - 14:00

Lunch/Networking/Posters

**Symposium 3 : Beyond traditional models in neuroendocrine research**

2 September 2025 14:00 - 15:35

**Co-Chairs**

Szilvia Vas  
University of Cambridge, UK

Gisela Helfer  
University of Bradford, UK

14:00 - 14:05

**Presentation on behalf of Metofico**

Lydia Stephenson, Metofico, United Kingdom

14:05 - 14:35

**Neuroendocrine and environmental interactions underlying reproductive behaviour in birds**

Simone Meddle, University of Edinburgh, United Kingdom

14:35 - 15:05

**Life in a reproductive dictatorship – social control of reproduction in naked mole-rats.**

Chris Faulkes, Queen Mary University of London, United Kingdom

15:05 - 15:20

**New perspectives on the evolution of kisspeptin signalling revealed by opposing actions of kisspeptin-type neuropeptides derived from different precursors in an echinoderm**

Tabinda Islam, Queen Mary University of London, United Kingdom

15:20 - 15:35

**Mathematical analysis of endocrine rhythms and wearable time series data**

Eder Zavala, University of Birmingham, United Kingdom

15:35 - 16:00

Coffee

**Conference Dinner**

17:00 - 22:00

Conference Dinner - Victoria Hall, Saltaire

## Wednesday 3 September 2025

### Symposium 4 : Neuroendocrine links to dementia

3 September 2025 10:00 - 10:30

#### Co-Chairs

Lauren Jones

University College London, UK

Jeff Davies

Swansea University, UK

09:00 - 09:30

#### **Dietary interventions aimed at improving metabolic health and cognitive dysfunction**

Mirela Delibegovic, University of Aberdeen, United Kingdom

09:30 - 10:00

#### **Early-onset sleep alterations in frontotemporal dementia and amyotrophic lateral sclerosis, a new progression factor?**

Matei Bolborea, University of Strasbourg, France

10:00 - 10:15

#### **Circulating ghrelin profiles in neurodegenerative disease & dementia: Insights from the GDEM3 clinical trial**

Bethan David, Swansea University, United Kingdom

10:15 - 10:30

#### **The role of dopamine signalling and neuroinflammation in age-related cognitive dysfunction**

Junior Bowen, University of Bradford, United Kingdom

10:30 - 11:00

Coffee

### Julia Buckingham Award and Michael Harbuz Prize Lectures (including prize giving).

3 September 2025 11:00 - 12:00

#### Co-Chairs

Miguel Ruiz Cruz

University of Cambridge, UK

Preeti Jethwa

University of Bradford, UK

11:00 - 11:30 **Michael Harbuz Prize Lecture**

#### **Glucose-dependent insulinotropic polypeptide regulates food intake and body weight via the area postrema in mice**

Jo Lewis, University of Cambridge, United Kingdom

11:30 - 12:00 **Julia Buckingham Award Lecture**

#### **DHED, a brain specific 17 $\beta$ E2 prodrug, targets feeding centres of the hypothalamus but does protect against metabolic dysfunction**

Celine Camon, University of Otago, New Zealand

### Close of Meeting & Departure

12:00 Departure

**British Society for Neuroendocrinology**

Charitable Incorporated Organisation. Registered in England number 1163115

Principal address: Wheelwright Cottage, Little Bristol Lane, Charfield, Glos GL12 8LL

[www.neuroendo.org.uk](http://www.neuroendo.org.uk) | Bluesky: [@bsneuroendo.bsky.social](https://bsky.app/profile/bsneuroendo.bsky.social) | Twitter: [@bsneuroendo](https://twitter.com/bsneuroendo) |  
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