

GW⁴

Early Career Neuroscientist Day



Early Careers Neuroscientist Day

2017

08.45 – 09.30 Registration and poster set up

09.30 – 10.10 **Opening Address**

Professor Adrian Harwood, Cardiff University, NMHRI

Professor John Aggleton, BNA

10.10 – 10.55 Poster Session A – *with coffee*

[Chair – Emma Roscow](#)

11.00 – 12.00 **Plenary – Professor Marcus Munafo**
Scientific Ecosystems and Research Reproducibility

12:00 – 12.30 **Travel Grant Talks**
Carolina Gordillo – Bristol University
Anna Burt – Cardiff University

12.30 – 13.30 Lunch break

BREAKOUT SESSION 1: 14.00 – 15.00

Breakout 1A - Scientific Techniques

Room 0.07 Lecture Theatre (ground floor)

Chair - Liad Baruchin

14.00 – 14.15 Adam Ranson, *Cardiff University*
2-photon imaging of neural activity in awake behaving rodents

14.15 – 14.30 Kevin Murphy, *Cardiff University*
Neuroimaging in CUBRIC

14.30 – 14.45 Ullrich Bartsch, *Bristol University*
Translational electrophysiology for identifying circuit biomarkers in psychiatric disorders.

14.45 – 15.00 Eilis Hannon, *Exeter University*
Big data: lessons for data management

Breakout 1B – Academic Career

Room 1.05 (first floor)

Chair - *Matthew Bosworth*

- 14.00 – 14.15 Jane Herron – *Cardiff University*
Planning for the unexpected
- 14.15 – 14.30 Olivia Maynard – *Bristol University*
A career in academia: a postdoc's experience
- 14.30 – 14.45 Asami Oguro-Ando – *Exeter University*
Chasing academic jobs across the world
- 14.45 – 15.00 Paul Ewings – *Research Design Service, NIHR*
Funding for applied health research: persuading the panel to part with the money

Breakout 1C – Alternative Careers

Room 0.27B (ground floor)

Chair - *Isabel Castanho*

- 14.00 - 14.20 Zeshan Ahmed, *Eli Lilly*
Research in academia and industry: more similar than you might think
- 14.20 - 14.40 Ana Saraiva Ayash, *Wellcome Trust*
Applying your research skills outside academia
- 14.40 – 15.00 Sophie Dix PhD, *MQ*
From Pharma to Funding

Breakout 1D – Behavioural/Developmental Neuroscience short talks

Room 0.27A (ground floor)

Chair – *Diego Fernandez*

- 14.00 – 14.15 Hannah Scott – *Cardiff University*
Investigating the link between placenta-derived microRNAs and the foetal brain transcriptome in response to prenatal social stress.
- 14.15 – 14.30 Jonathan Jones – *University of Exeter*
The Neural Correlates of Working Memory Training in Children
- 14.30 – 14.45 Katie Daughters – *Cardiff University*
Insights into the role of oxytocin in emotional and social behaviour
- 14.45 – 15.00 Nicholas Clifton – *Cardiff University*
Refining FMRP targets across neurodevelopment and schizophrenia risk
- 15.00-15.45 Poster Session B **with Coffee**

BREAKOUT SESSION 2: 15.45 – 16.45

Breakout 2A – Public Engagement

Room 0.07 Lecture Theatre (ground floor)

Chair - Hayley Moulding

15.45 – 16.05 **Sense about Science**, Crowd sourcing evidence, and asking for it – *Chris Peters*

16.05 – 16.25 **Pint of Science** – *Alex Baker, Michael Nairn & Emma Campbell*

16.25 – 16.45 **Einstein's Garden, Green Man Festival** – *Will Hunter & Kaitlin Wade*

Breakout 2B – Cellular Neuroscience short talks

Room 1.05 (first floor)

Chair – Jenny Imm

15.45 – 16.00 Nicole Morrissey – *University of Exeter*
Characterising mitochondrial translocator protein 18 kDa (TSPO) expression in the mouse brain

16.00 – 16.15 Jose Gerardo-Aviles – *Bristol University*
Early dysregulation of micrnas in the posterior cingulate gyrus of alzheimer's disease and vascular dementia

16.15 – 16.30 Lucia F Cardo – *Cardiff University*
Deciphering the role of *SETBP1* in neural stem cell regulation

16.30 – 16.45 Paul Potter – *University of Exeter*
Human Primary Astrocyte (HPA) Metabolism is Altered Following Exposure to Recurrent Hypoglycaemia *In Vitro*

Breakout 2C – Translational Neuroscience short talks

Room 0.27A (ground floor)

Chair – Clara Humpston

15.45 – 16.00 Bryony McGarry – *Bristol University*
Estimating stroke onset time using quantitative MRI: preliminary evidence of an ADC/qT₂ mismatch in acute ischaemic stroke patients

16.00 – 16.15 Sharon Savage – *University of Exeter*
Relearning in semantic dementia: word retraining programs to help rebuild vocabulary

16.15 – 16.30 Christopher Eaton – *Cardiff University*
Elevated rate of seizures in children at risk for psychopathology

16.30 – 16.45 John Baker – *University of Exeter*
TIME 2: a replication study of Transient Epileptic Amnesia

Breakout 2D – Systems Neuroscience short talks

Room 0.27B (ground floor)

Chair – Laura Smith

15.45 – 16.00 Thomas Ridler – *University of Exeter*
Medial entorhinal cortex representation of running speed in a mouse model of tauopathy

16.00 – 16.15 Robert Lees – *Bristol University*
In vivo two-photon imaging of mitochondrial localisation during structural synaptic plasticity in the mouse somatosensory cortex

16.15 – 16.30 Michal Milczarek – *Cardiff University*
The encoding and consolidation of spatial reference memory in the mouse retrosplenial cortex.

16.30 – 16.45 Jack Curran – *Bristol University*
Modelling age related changes in the circadian clock using *Drosophila*.

17.00 – 17.45 **Plenary – Professor Clive Ballard**
What worked and what didn't – an academic career in Clinical Neuroscience

17:45 **Close of meeting by Professor Clive Ballard**

18.00 – 19.00 **Drinks Reception with Food (Cheese and Meat Platters)**