

**Early Career Neuroscientist Day 2019**

09.30-10.00 **Bristol** **and Exeter** registration and poster set up with Tea/Coffee/Biscuits

10.00-10.30 **Bath and Cardiff** registration and poster set up with Tea/Coffee/Biscuits

**Chair – Soraya Meftah**

10.30 – 11:30 **Opening Address by DrSarah Perkins,** Director of GW4

**Plenary - Professor Emma Robinson,** Professor of Psychopharmacology, University of Bristol

**Investigating neuropsychological mechanisms of antidepressant drug action using a novel rodent model**

*Lecture Theatre, RILD Building*

11.30 – 12.15 **Poster Session A** with Tea/Coffee *– RILD Building Atrium*

**Chair – Dr Isabel Castanho**

12.15 – 13:00 **Plenary – Professor Anthony Isles**, Professor of Neurogenetics, Cardiff University

**Genomic imprinting; an epigenetic rheostat mediating the effects of the in utero environment on brain and behaviour**

13:00 – 14:00 **Lunch break**

14:00 – 15:00 **1st Breakout sessions Chair – Gemma Shireby**

**Breakout 1 – Computational Neuroscience/Neuroscience Futures short talks –** *Seminar Room 8*

14:00-14:20 Dr Georgina Hazell, British Neuroscience Association

**A credible future for neuroscience**

14:20-14:40 Professor Krasimira Tsaneva, University of Exeter

**Computational modelling and analysis of altered intrinsic excitability of hippocampal pyramidal neurones in mouse models of pathologies associated with Alzheimer’s disease**

14:40-15:00 Dr Diana Dima, Cardiff University

**From features to faces: towards a computational account of visual perception**

**Breakout 2 – Alternative Careers short talks –** *Seminar Room 9*  **Chair – Szi Kay Leung**

14:00-14:20 Dr Laura Palmer, University of Bristol

**The South West Dementia Brain Bank: an invaluable research resource**

14:20-14:40 Dr Emma Laing, Eli-Lilly

**How does research in industry compare to academia?**

14:40-15:00 Dr Vlad Anton, Charles River Associates

**Launch Your Career in Life Sciences Consulting**

15:00 – 15:45 **Poster Session B** with Tea/Coffee***–*** *RILD Building Atrium*

15:45 – 16:45 **2nd Breakout sessions**

**Breakout 1 – Scientific Techniques short talks –** *Seminar Room 8* **Chair – Harry Farmer**

15:45-16:05 Dr Aaron Jeffries, University of Exeter

**Long read sequencing to define the brain transcriptome**

16:05-16:25 Dr Michael Ambler, University of Bristol

**Torpor TRAP: How to functionally identify circuits when you don’t know where to look**

16:25-16:45 Dr Mouhamed Alsaqati, Cardiff University

**The molecular mechanism underlying Ehmt1 regulation of REST in neurodevelopment via suppression of miRNAs-dependent REST**

**Breakout 2 – Dementia short talks –** *Seminar Room 9*  **Chair – Jenny Imm**

15:45-16:05 Maria Garcia Garrido, University of Exeter

**Impairments in neural correlates of contextual memory in a mouse model of amyloidopathy**

16:05-16:25 Judith Piegsa, University of Exeter

**Ca2+ Signalling In Human Brain Pericytes: Investigation of the Effects of Vasoactive Agents**

16:25-16:45 Dr Isabel Castanho, University of Exeter

**Mapping genomic consequences of Alzheimer’s disease pathology in amyloid and tau mouse models**

**Chair – Lauren Revie**

**Breakout 3 – Cognitive neuroscience short talks –** *Seminar Room 11*

15:45-16:05 Axel Vitterso, University of Bath

**Representations of the body and peripersonal space during tool-use in Complex Regional Pain Syndrome**

16:05-16:25 Marlou Perquin, Cardiff University

**MEG correlates of mind wandering and behavioural variability**

16:25-16:45 Matthew Wilkinson, University of Bristol

**Investigation of rapid and delayed-onset antidepressants in a translational reward learning task**

**Chair – Hellen Jing Yuan**

16:45 – 17:30 **Plenary – Professor Katie Lunnon,** Associate Professor in Epigenetics, University of Exeter

**Epigenetics of Alzheimer’s disease**

*Lecture Theatre, RILD Building*

**Chair – Prof Katie Lunnon**

17:30 - 18:00  **Close of meeting by Professor Clive Ballard,** Pro-Vice Chancellor & Professor of Age-related Diseases, University of Exeter

**Awards Announcement** (short talks and posters)

*Lecture Theatre, RILD Building*

18.00 – 19.00 **Drinks Reception with Food**

*RILD Building Atrium*