



South West Fly meeting schedule 2018-2019

Venue: Aim2A/B

School of Physiology, Pharmacology and Neuroscience

University of Bristol

Biomedical Sciences building

University Walk

Bristol

BS8 1TD

Wednesday 7 November

1:30-2pm Lunch

2-2:30pm 'Hearty flies: studying aspects of human cardio-renal physiology using *Drosophila*' Paul Hartley (University of Bournemouth)

2:30-3pm "Cold-induced *period* transcription links environmental temperature to *Drosophila* molecular clock" Dr Akanksha Dafna (Dr Herman Wijnen lab, University of Southampton)

3-3:30pm Tea and Coffee

3:30-4pm "A common neurogenic toolkit in Bilateria" Dr. Roberto Feuda (University of Bristol)

4-4:30pm "Inverse control of turning behaviour by dopamine D1 receptor signalling in columnar-wedge and ring neurons of the central complex in *Drosophila*" Dr Benjamin Kottler (Dr Frank Hirth's lab KCL)

4:30-5pm "Stimulus valence and arousal from sleep" Dr Alice French (Dr Georgio Gilestro Imperial)

Open discussion, pizza and drinks followed by Robin Hood pub

Wednesday 30 January

1:30-2pm Lunch

2-2:30pm "Insulin resistance exacerbates tau pathology in *Drosophila* tauopathy models and neuroblastoma cell lines" Dr Shreyasi Chatterjee (Dr. Amritpal Mudher's lab at the University of Southampton)

2:30-3pm "Towards a *Drosophila* model for chronic radiation injury" Terrence Trinca (Dr Joaquín de Navascués lab, Cardiff University)

3-3:30pm "Accelerating drug discovery using *Drosophila* screens" Dr Benjamin Housden (University of Exeter)

3:30-4pm Tea and Coffee

4-4:30pm "Light-induced plasticity of *Drosophila* central and peripheral clock function" Charlie Hurdle (Dr Herman Wijnen lab, University of Southampton)

4:30-5pm "Investigating a mitochondrial role for Kynurenine 3-monooxygenase (KMO)" Dr Daniel Maddison (Prof. Flav Giorgini's lab at Leicester University now at Dr Gaynor Smith's lab at Cardiff University)

Open discussion, pizza and drinks followed by Robin Hood pub

Wednesday 8 May

1:00-1:30pm Lunch

1:30-2pm "Genetic profiling of antagonistic dopamine pathways in learning and memory; Single cell transcriptomics of the *Drosophila* brain" Dr Vincent Croset (Prof. Scott Waddell lab, University of Oxford)

2-2:30pm "A genetic window into temporal integration" Dr Shamik DasGupta (Prof. Gero Miesenbock lab, University of Oxford)

3-3:30pm "" Dr Joaquín de Navascués (Cardiff University)

2-2:30pm "" Dr Karolina J. Jaworek (Dr James Wakefield Lab, University of Exeter)

3:30-4pm Tea and Coffee

4-430pm Chris Baxter (Dr Benjamin Housden lab, University of Exeter)

430-5pm “A structure-activity relationship of cryptochrome mediated magnetoreception” Dr Adam Bradlaugh (Prof Richard Baines lab, University of Manchester)

5-530 pm Dr Giuliana Clemente (Dr Helen Weathers lab, University of Bristol)

Open discussion, pizza and drinks followed by Robin Hood pub

Please email james.hodge@bristol.ac.uk if you would like to join the South West Fly meeting group and if you would like to speak at the meeting. Kindly Sponsored by:

