

10:30 - 11:00 Registration and coffee

**Session 1 Chair - David Whitmore**

11:00 - 11:10 Welcome

11:10 - 11:30 Stephan Michel (Leiden, Michel Lab): Walking the tightrope: Keeping the balance in the clock's neuronal networks

11:30 - 11:50 James Jepson (UCL, Jepson Lab): Functional roles of the circadian output gene *dyschronic* at *Drosophila* synapses

11:50 - 12:10 Alexis Webb (NIMR, Oates Lab): Self-sustained oscillations in isolated cells of the segmentation clock

12:10 - 12:30 Ned Hoyle (Cambridge, O'Neill Lab): Circadian regulation of actin dynamics and wound healing

12:30 - 2:00 Lunch, posters and exhibitions

**Session 2 Chair - Jason Rihel**

2:00 - 2:20 Andrew Patton (Cambridge, Hastings Lab): The suprachiasmatic nucleus can exhibit a vast range of periodicities

2:20 - 2:40 Erin Henslee (Surrey, Labeed Lab): Rhythms in electrophysiology of red blood cells

2:40 - 3:00 Michael Cleary-Gaffney (Maynooth, Coogan Lab): Effects of dim light-at-night on affective behaviours in the mouse

3:00 - 3:20 Rob Lucas (Manchester, Lucas Lab): Optogenetic manipulation reveals separable G-protein and arrestin-dependent entrainment of the mammalian clock

3:20 - 4:00 Coffee break, posters and exhibitions

**Session 3**      **Chair - Ralf Stanewsky**

4:00 - 4:20      Andrew Loudon (Manchester, Loudon Lab): Life at 23 degrees

4:20 - 4:40      Priya Crosby (Cambridge, O'Neill Lab): Development of a continuous perfusion system for cellular circadian experimentation

4:40 - 5:00      Nayantara Santhi (Surrey, SSRC): Circadian regulation in cognition and subjective assessment of waking function in humans

5:00 - 6:00      EVA WOLF (University of Mainz): Structural insights into circadian clock mechanisms

6:00 - 7:00      Wine and cheese

This meeting was generously sponsored by:

