



UK Winter Clock Club

University of Edinburgh
Ashworth Laboratories
King's Buildings (EH9 3FL)



December 10th, 2015

10:15 - 11:00

Session 1

11:00 - 11:10

11:10 - 11:30

11:30 - 11:50

11:50 - 12:10

12:10 - 12:30

REGISTRATION & COFFEE

Chair - Gerben van Ooijen

Welcome

Kieren Egan (Surrey) - Analysis of chronotype and genetic ancestry in a Brazilian population

Johanna Kraemer (Edinburgh, Halliday lab) - Circadian protein phosphorylation in *Arabidopsis thaliana*

Perry Barrett (Aberdeen) - Orchestration of gene expression across the seasons

Shona Wood (Manchester, Loudon lab) - Binary switching of calendar cells in the pituitary defines the phase of the circannual cycle in mammals

12:30 - 2:00

Session 2

2:00 - 2:20

2:20 - 2:40

2:40 - 3:00

3:00 - 3:20

LUNCH, POSTERS, & EXHIBITIONS

Chair - Sarah Reece

Pasquale Innominato (Warwick University, UK) - The circadian timing system in cancer therapy

Matt Jones (University of Essex) - Shining light on the plant circadian clock

Ross Harper (UCL, Albert/Stanewsky/Dayan labs) - Sensory conflict disrupts activity of the *Drosophila* circadian network

Micaela Martinez-Bakker (Princeton, USA) - Seasonality of infectious diseases: Disease ecology meets chronobiology

3:20 - 4:00

Session 3

4:00 - 4:20

4:20 - 4:40

4:40 - 5:40

COFFEE BREAK, POSTERS & EXHIBITIONS

Chair - Samuel Rund

Giles Duffield (University of Notre Dame, USA) - Disturbances to the hepatic circadian clock in alcohol-induced hepatic steatosis

Charissa de Bekker (University of Munich, Germany) Parasitic behavioural manipulation: What makes a zombie ant tick?

Keynote Lecture

Satchidananda Panda (Associate Professor, Salk Institute for Biological Studies, USA) - Cellular and molecular underpinnings of the melanopsin system

5:45 - 6:45

CHEESE & WINE RECEPTION

