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Invited Speaker:

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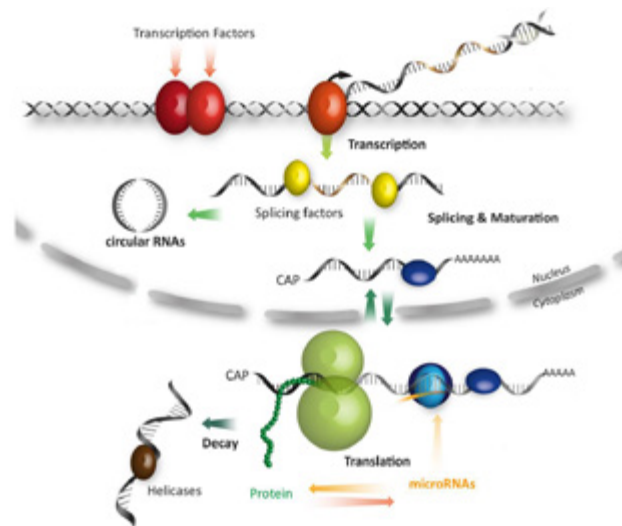
Sponsored by the Institute of Advanced Studies



The Institute of Advanced Studies at the University of Surrey hosts small-scale, scientific and scholarly meetings of leading academics from all over the world to discuss specialist topics in a productive atmosphere, away from the pressure of everyday work. The workshops are multidisciplinary, bringing together scholars from different disciplines to share alternative perspectives on common problems.



Surrey Sleep Research Centre



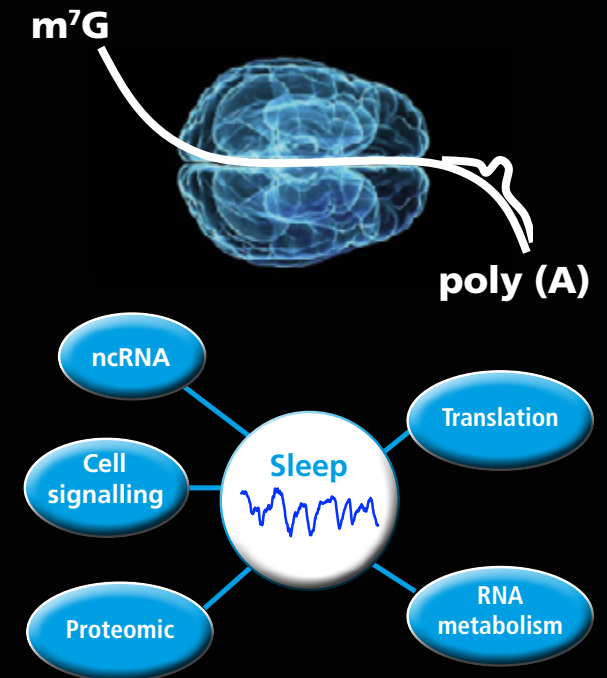
RNA Biology meets Sleep and Circadian Rhythms

International two-day workshop

June 26-27 2014

Oak Suite, University of Surrey
United Kingdom

RNA biology meets Sleep and Circadian Rhythms



ORGANIZERS:

Raphaëlle Winsky-Sommerer , Nicolas Locker,
André Gerber

Day 1

- 12:30-14:00 Registration – Lunch
- 14:00-14:10 Opening
- 14:10-15:30 **Session 1**
Chair: Prof. André Gerber
- 14:10-14:50 **Control of protein synthesis following cell stress: the cold shock response**
Prof. Anne Willis (*MRC Toxicology Unit, Leicester, UK*)
- 14:50-15:30 **Ribosome biogenesis stress and p53 activation**
Prof. Siniša Volarević (*Department of Molecular Medicine and Biotechnology, University of Rijeka, Croatia*)
- 15:30-16:00 Coffee & Tea
- 16:00-16:30 Posters 1
- 16:30-18:30 **Session 2**
Chair: Dr. Raphaelle Winsky-Sommerer
- 16:30-17:10 **Sleep and circadian rhythms: are we confused?**
Dr. Raphaelle Winsky-Sommerer & Prof. Derk-Jan Dijk (*Surrey Sleep Research Center, University of Surrey, UK*)
- 17:10-17:50 **Regulation of Mouse Physiology by Circadian Clock-Coordinated Post-Transcriptional Modifications**
Prof. Frédéric Gachon (*Nestlé Institute of Health Sciences SA, Lausanne, Switzerland*)
- 17:50-18:30 **Comprehensive identification of rhythmic protein synthesis using ribosome profiling in mouse liver**
Dr. Peggy Janich (*Center for Integrative Genomics, University of Lausanne, Switzerland*)
- 19:45 For speakers – pick-up at hotel and dinner

Day 2

- 08:45-10:45 **Session 3**
Chair: Dr. Raphaelle Winsky-Sommerer
- 08:45-09:25 **The effects of mistimed sleep on the human circadian transcriptome: lost in translation**
Dr. Simon Archer (*Surrey Sleep Research Centre, University of Surrey, UK*)
- 09:25-10:05 **A circadian gene atlas in mammals: rhythms, drugs, and dark matter**
Dr. Nicholas Lahens (*Smilow Translational Research Center, Philadelphia, USA*)
- 10:05-10:45 **Consequences of mild sleep disruption: changes in pCREB expression, hippocampal function and memory formation**
Dr. Peter Meerlo (*Centre for Behaviour and Neurosciences, Groningen, Netherlands*)
- 10:45-11:20 Coffee & Tea
- 11:20-12:30 **Session 4**
Chair: Dr. Nicolas Locker
- 11:20-12:00 **Simultaneous and dynamic protein subcellular localization using mass spectrometry**
Dr. Kathryn Lilley (*Cambridge Centre for Proteomics, University of Cambridge, UK*)
- 12:00-12:15 **Translational control during virus infection in mammalian cells**
Dr. Nicolas Locker (*University of Surrey, UK*)
- 12:15-12:30 **RNA-protein interactomes and the translome**
Prof. André Gerber (*University of Surrey, UK*)
- 12:30-13:15 Lunch
- 13:15-14:00 Posters 2
- 14:00-15:00 **Round-table discussion – New Research Avenues and Funding Opportunities**
- 15:00-16:00 **Final discussion and concluding remarks**
- 16:00 **End of Workshop**

