

## SUMMER SCHOOL TIMETABLE 2016

### Sunday

- 12:00 – 14:00 Students arrive, registration (lunch will be provided)  
Students receive registration pack
- 14:00 – 16:00 Walking tour of Oxford and a College
- 16:00 – 18:00 Free time to explore Oxford
- 18:00 – 22:00 Welcome dinner for students and faculty – Cherwell Boathouse

### Monday – GENERAL INTRODUCTIONS

09:00 – 13:15	09:00 – 09:15 <u>Russell Foster</u> : Introduction to the School 09:15 – 10:30 <u>Martha Merrow</u> : What is the clock? 10:30 – 11:00 <i>Coffee break (students to put posters up x12)</i> 11:00 – 12:15 <u>Colin Espie</u> : What is sleep?  12:15 – 12:45 Data blitz session 1
12:45 – 14:00	Lunch and poster viewing
14:00 – 17:00	14:00 – 15:15 <u>Till Roenneberg</u> : Sleep and the clock 15:15 – 15:45 <i>Coffee break</i> 15:45 – 17:00 <u>Russell Foster</u> : Sleep and circadian rhythm disruption

### Tuesday – MOLECULAR AND NEUROBIOLOGICAL MECHANISMS

09:15 – 13:15	<i>Lecture/workshop for all</i> 09:15 – 10:30 <u>Ezio Rosato</u> : Molecular Mechanisms of Clocks 10:30 – 11:00 <i>Coffee break (students to put posters up x12)</i> 11:00 – 12:15 <u>Vladyslav Vyazovskiy</u> : Molecular, cellular and network mechanisms of sleep regulation  12:15 – 12:45 Data blitz session 2
12:45 – 14:00	Lunch and poster viewing
14:00 – 17:30	Joint workshop
	<u>Johanna Meijer</u> : Circadian Neurobiology <u>Antoine Adamantidis</u> : Neurobiology of sleep

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### Wednesday - Health and outputs of the sleep/circadian systems

09:15 – 13:15	<i>Lecture/workshop for all</i> 09:15 – 10:30 <u>Debra Skene</u> : Human Circadian Rhythms 10:30 – 11:00 <i>Coffee break (students to put posters up x12)</i> 11:00 – 12:15 <u>Nicole Tang</u> : Sleep and Pain  12:15 – 12:45 Data blitz session 3	
12:45 – 14:00	Lunch and poster viewing	
14:00 – 17:30	Subject-specific workshops (split to 2 groups)	
	Circadian/Basic	Sleep/Clinical
	<u>Outputs of circadian system:</u> <u>Bert Maier</u> : Immune System <u>Charo Robles</u> - proteomics <u>Stuart Peirson</u> : Learning and memory	Practical session 1: <u>Christel Gudberg</u> (to lead), <u>Kate Porcheret</u> , <u>Rachel Sharman</u> , <u>Jan Cosgrave</u> , <u>Chris Harvey</u> - PSG background and set up

### Thursday – ENTRAINMENT

09:15 – 13:15	<i>Lecture/workshop for all</i> 09:15 – 10:30 <u>Russell Foster</u> : Circadian Entrainment 10:30 – 11:00 <i>Coffee break (students to put posters up x12)</i> 11:00 – 12:15 <u>Thomas Erren</u> : Timing of sleep and circadian rhythm sleep disorders  12:15 – 12:45 Data blitz session 4	
12:45 – 14:00	Lunch and poster viewing	
14:00 – 17:30	Subject-specific workshops (split to 2 groups)	
	Circadian/Basic	Sleep/Clinical
	<u>Till Roenneberg</u> : Entrainment Formalisms	Practical session 2: <u>Lizzie Hill</u> - Actigraphy, sleep log and EEG analysis
18:00 – 19:00	Public lecture – <u>Allan Pack</u> , Genetics of Sleep (SCNi medal to be awarded) Oxford Martin School	

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### Friday

09:15 – 13:15	Lecture Circadian/Basic	Lecture Sleep/Clinical
09:15 – 10:30	<u>David Hazlerigg</u> : Seasonal Rhythms	<u>Simon Kyle</u> : Treatments to improve sleep quality: pharmacotherapy and psychological approaches
10:30 – 11:00	<i>Coffee break (students to put posters up x12)</i>	
11:00 – 12:15	<u>Alex Webb</u> : Plant Rhythms	<u>Bryony Sheaves</u> : Treating sleep problems in people with psychiatric disorders
12:30 – 13:00	Data blitz session 5	
13:00 – 14:00	Lunch and poster viewing	
14:00 – 17:30	Subject-specific workshops	
	Circadian/Basic	Sleep/Clinical
14:00 – 15:30	Actigraphy, sleep log and EEG/PSG analysis workshop - Include big data/time series discussions <b>to be led by all Chrono faculty still in Oxford</b>  <i>Coffee available at 15:30</i>	<u>Philip Gehrman</u> : Sleep and PTSD
15:30 – 16:00		<i>Coffee break</i>
16:00 – 17:30		<u>Renata Riha</u> : Parasomnias and narcolepsy
17:30 – 18:00	Closing remarks and prize giving	
19:00 – 22:00	Leaving party – Brasenose College Sports Ground	

### Saturday

Students depart