

**SUMMER SCHOOL TIMETABLE 2017**  
**3<sup>rd</sup> – 8<sup>th</sup> September**

**Sunday**

Location	Time	Event
Brasenose College	<b>1730-1800</b>	<b>Registration for students, tour of BNC</b>
	<b>1800-2200</b>	<b>Welcome from Russell Dinner for students and faculty</b>

**Monday – GENERAL INTRODUCTIONS**

0845 – 1245	0845 – 0900 <u>Russell Foster</u> : Introduction to the School 0900 – 1015 <u>Martha Merrow</u> : What is the clock? 1015 – 1045 <i>Coffee break</i> 1045– 1200 <u>Ken Wright</u> What is sleep? <hr style="width: 20%; margin-left: 0;"/> 1200 – 1245 Data blitz session 1
1245-1330	Lunch
1330 – 1630	1330 – 1445 <u>Till Roenneberg</u> : Sleep and the clock 1445 – 1515 <i>Coffee break (students to put posters up x20)</i> 1515 – 1630 <u>Russell Foster</u> : Sleep and circadian rhythm disruption
1630 - 1800	Poster session

**Tuesday – MOLECULAR AND NEUROBIOLOGICAL MECHANISMS**

0900 – 1245	<i>Lecture/workshop for all</i> 0900– 1015 <u>Akhilesh Reddy</u> : Molecular Mechanisms of Clocks 1015 – 1045 <i>Coffee break</i> 1045 – 1200 <u>Medhi Tafti</u> : Molecular, cellular and network mechanisms of sleep regulation  1200 – 1245 Data blitz session 2
1245 – 1330	Lunch
1330 – 1700	<b>Joint workshop – Neurobiology of sleep and circadian rhythms in animals</b>
Break at 1445-1515 <i>(students to put posters up x20)</i>	Johanna Meijer and Vladyslav Vyazovskiy – analysis of animal data
1700-1830	Poster session

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

0900 – 1245	<i>Lecture/workshop for all</i> 0900 – 1015 <u>Ken Wright</u> - Human Circadian Rhythms 1015 – 1045 <i>Coffee break (students to put posters up x12)</i> 1045 – 1200 <u>Paul Reading</u> : Neurological basis of sleep-wake dissociations  1200 – 1245 Data blitz session 3	
1245 – 1330	Lunch	
1330 – 1700	<b>Subject-specific workshops (split to 2 groups)</b>	
<i>Coffee available at approx. 1530 (students to put posters up x20)</i>	<b>Chrono</b>	<b>Sleep Med</b>
	<u>Stuart Peirson, Bert Meier, Charo Robles</u> <b>Outputs of circadian system:</b> Immune System Proteomics Learning and Memory	<u>Chris Harvey, Maarten De Vos, Rachel Sharman, Annemarie Luik, Amender Juss, Leonie Maurer, Matt Reid</u> <b>Practical session 1:</b> PSG background and set up Actigraphy, device selection and data collection
1700-1830	Poster session	

**Thursday – ENTRAINMENT**

0930 – 1230	<i>Lecture/workshop for all</i> 0930 – 1045 <u>Russell Foster</u> : Photic Entrainment 1045 – 1115 <i>Coffee break (students to put posters up x12)</i> 1115 – 1145 <u>Aarti Jagannath</u> –Pharmacological Entrainment 1145-1215 <u>Anna Wirz-Justice</u> - Non-pharmalogical Chronotherapy	
1230 – 1330	Lunch	
1330 – 1700	<b>Subject-specific workshops (split to 2 groups)</b>	
<i>Coffee available at approx. 1500</i>	<b>Chrono</b>	<b>Sleep Med</b>
	<u>Till Roenneberg and Stuart Peirson</u> : Entrainment Formalisms	<u>Lizzie Hill and Ximena Omlin</u> : <b>Practical session 2:</b> PSG analysis Spectral analysis
1800 – 1900	SCNi Prize Lecture – Bambos Kyriacou Oxford Martin School	

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**Friday**

0930 – 1245	<b>Lecture; Chrono</b>	<b>Lecture; Sleep Med</b>
0930 – 1045	<u>Andrew Loudon</u> - New genetic insights to photoperiodism linking the circadian clock to circannual rhythm generation in mammals	<u>Simon Kyle</u> : Treatments to improve sleep quality: pharmacotherapy and psychological approaches
<i>1045 – 1115</i>	<i>Coffee break</i>	
1115 – 1230	<u>Martha Merrow</u> - Plant Rhythms, Fungi and Bacteria	<u>Colin Espie</u> Treating insomnia in people with psychiatric and neurological disorders
1245 – 1330	Lunch	
1330 -1700	<b>Joint lectures</b>	
1330-1445	<u>Eva Schernhammer</u> – Big data/epidemiology	
1445 - 1515	Coffee break	
1515-1645	<u>Morten Kringelbach</u> – Neuroethics: Sleep and drug discovery	
1645-1700	Closing remarks and prizes	
1800 – 2200	Farewell party – Wolfson College	

**Saturday**

Students depart