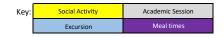
Biomedical Sciences Lab Summer School Draft Programme 2024 - subject to change

Sunday 7 July to Saturday 27 July 2024





Week 1								
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date	07-Jul	08-Jul	09-Jul	10-Jul	11-Jul	12-Jul	13-Jul	
Breakfast								
AM session 9.30am-1pm An introduction to biomedical science techniques		Programme introduction, safety, ice-breakers Venue: TBC Dr Kiah Tasman (10.00am – 12.00pm)	Introduction to Human Neuroscience; Nerve Conduction TL 3.10 Lead: Dr Nadia Ceminara	Introduction to pharmacology; Quantifying drug action TL4.1 Lead: TBC	Introduction to the Respiratory Physiology TL 3.10 Lead: Dr Zoe Palmer	Introduction to Neuroanatomy TL3.10 Lead: Dr Dan Baumgart		
Lunch 1-2pm	Arrivale Day	Lunch break 1-2pm (no lunch provided)					Day trip to Oxford	
PM session 2-5pm An introduction to biomedical science techniques	Arrivals Day	Introduction to Physiology- Homeostasis in action TL3.10 Lead: Dr Zoe Palmer	Introduction to Histology; tissues of the body TL2.2 Lead: TBC	Introduction to Immunology – PHARM TL 4.14 Lead: Dr Bronwen Burton	Introduction to Biochemistry; pH and buffers TL5.1 Lead: Dr Kara van Aelst	Introduction to Comparative Neurophysiology; Cockroach Stimulation TL 3.10 Lead: Dr Andy Doherty		
Dinner	Dinner provided in residence 6:00-7:30pm							
Evening	Welcome and Orientation 6.00pm	Clifton Suspension Bridge	Free Evening	Locked in a Room	Free Evening	Free Evening	Free Evening	

			Weel	k 2			
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul
Breakfast	Breakfast provided in residence 8:00-9:30						
AM session 9.30am-1pm Exploring the systems of the body		Introduction to Microbiology TL 4.14 Lead: Dr Isabel Murillo Cabeza	(9.30am) Quiz 1 TL2.2 (10am) Techniques in Microbiology follow-up TL4.14 Lead: Dr Isabel Murillo Cabeza	Excursion to Berkley	(10.30 am) The Study of Sleep Sleep labs, CRIC, 60 St Michael's Hill Lead: Dr Clare Durant Lab visits	Recombinant DNA Technology TL5.1 Lead: Dr Jamie Littlejohn	
Lunch 1-2pm	Free Day	Lunch break 1-2pm	(no lunch provided)	Castle and Edward	Lunch break 1-2pm	(no lunch provided)	Day trip to Bath
PM session 2-5pm Exploring the systems of the body	cosy	Diagnosis of Diabetes TL 5.1 Lead: Dr Jamie Littlejohn	Research Symposium Venue: TBC Faculty talks 2-3.30pm Coffee and Cake 3.30-4pm PGR talks 4-5pm	Jenner's House	Lab visits or Statistics for Human Data TL 3.1 Lead: Dr Kiah Tasman OR Free time to work on portfolios	Recombinant DNA technology TL 5.1 Lead: Dr Jamie Littlejohn	
Dinner	Dinner provided in residence 6:00-7:30pm					Dinner provided in residence 6:00-7:30pm	
Evening	Free Evening	Free Evening	Free Evening	Free Evening	BBQ and Garden Games	Free Evening	Free Evening

Week 3							
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul
Breakfast			Break	fast provided in residence 8:00-9	:30		
AM session 9.30am-1pm Clinical and scientific inquiry	Free Day	Comparison of normal and diseased lungs - PHARM TL 4.14 Lead: Dr Chris Williams	(9.30am) Quiz 2 TL2.2 (10 am) Integrative physiology lab project introduction – TL3.10 Lead: Dr Kiah Tasman	Integrative physiology lab project TL 3.10 Lead: Dr Klah Tasman	Integrative physiology lab project presentation preparation TL 3.10 Lead: Dr Kiah Tasman	Wrap-up/feedback Venue: TBC Careers and Postgraduate Opportunities (10-11) Bristol Summer quiz, feedback and certificates (11-12)	Departures Day
Lunch 1-2pm		Lunch break (no lunch provided)					
PM session 2-5pm Clinical and scientific inquiry		Measurement of drug action on isolated blood vessels TL 4.14 Lead: Dr Steve Fitzjohn	Integrative physiology lab project TL3.10 Lead: Dr Kiah Tasman	Integrative physiology lab project: Statistics and Analysis TL 3.10 Lead: Dr Kiah Tasman	Integrative physiology lab project oral presentations TL 3.10 Lead: Dr Kiah Tasman	Free time	
Dinner	Dinner provided in residence 6:00-7:30pm					Dinner in residence	
Evening	Free Evening	Ceilidh	Free Evening	Free Evening	Flight Club and Dinner Out	Free Evening	