

Biomedical Sciences Lab Summer School Programme 2023
Sunday 16 July to Saturday 5 August 2023

Key:	Social Activity	Academic Session
	Excursion	Meal times



Week 1								
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	
Breakfast		Breakfast provided in residence 8:00-9:30						
AM session 9.30am-1pm <i>An introduction to biomedical science techniques</i>	Arrivals Day	Programme introduction Old Council Chamber, Wills Memorial Building (10.00am – 12.00pm)	Introduction to Human Neuroscience; Nerve Conduction TL 3.10 Lead: Dr Elena Paci	Introduction to Biochemistry pH and buffers TL 5.1 Lead: Dr Kara van Aelst	Introduction to the Respiratory Physiology TL 3.10 Lead: Dr Zoe Palmer	Introduction to Neuroanatomy TL 3.10 Lead: Dr Alex Swainson	Day trip to Bath and visit to Roman Baths 9:30am departure from Manor Hall (no lunch provided) Leave Bath at 4.30pm	
Lunch 1-2pm		Lunch break 1-2pm (no lunch provided)						
PM session 2-5pm <i>An introduction to biomedical science techniques</i>		Intro to homeostasis and the effect of blood loss SIM TL 3.10 Lead: Dr Zoe Palmer	Introduction to Histology; tissues of the body TL2.2 Lead: Dr Alex Swainson	Introduction to Immunology – PHARM TL 4.14 Lead: Dr Bronwen Burton	Introduction to Pharmacology: Quantifying Drug Action TL 4.1 Lead: Dr Megan Jackson	Introduction to Comparative Neurophysiology; Cockroach Stimulation TL 3.10 Lead: Dr Ai Na Ng		
Dinner	Dinner provided in residence 6:00-7:30pm							
Evening	Welcome and Orientation 6.00pm	Clifton Suspension Bridge 8.00pm	Free Evening	Free Evening	Locked in a Room Walk from Manor Hall at 7:15pm to Explore Lane, BS1 5TY Event from 7:50 to 9:30pm	Free Evening	Free Evening	

Week 2								
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	
Breakfast	Breakfast provided in residence 8:00-9:30							
AM session 9.30am-1pm <i>Exploring the systems of the body</i>	Free Day	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	Visit to University Botanic Garden 10-11.30am	Recombinant DNA technology TL 5.1 Lead: Dr Stephanie Pellegrin	(10.30 am) The Study of Sleep Sleep labs, CRIC, 60 St Michael's Hill Lead: Dr Clare Duran	Day trip to Oxford with walking tour Depart 8:45am Clifton Hill House (No packed lunch provided) Leave Oxford at 4:30pm	
Lunch 1-2pm		Lunch break 1-2pm (no lunch provided)						
PM session 2-5pm <i>Exploring the systems of the body</i>		Diagnosis of Diabetes TL 5.1 Lead: Dr Stephanie Pellegrin	Research Symposium Wills Memorial 3.32 Faculty talks 2-3.30pm Coffee and Cake 3.30-4pm PGR talks 4-5pm	Free afternoon	Recombinant DNA technology TL 5.1 Lead: Dr Stephanie Pellegrin	OPTIONAL: Statistics for Human Data TL 3.1 Lead: Dr Kiah Tasma OR Free time to work on portfolios		
Dinner	Dinner provided in residence 6:00-7:30pm							
Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening	

Week 3								
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date	30-Jul	31-Jul	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	
Breakfast	Breakfast provided in residence 8:00-9:30							
AM session 9.30am-1pm <i>Clinical and scientific inquiry</i>	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 Elena Paci	Integrative physiology lab project presentation preparation TL 3.10 Lead: Dr Sukhee Bancroft	Wrap-up/feedback 2.26 Helen Wodehouse Building, 35 Berkeley Square Careers and Postgraduate Opportunities (10-11) Global Summer quiz, feedback and certificates (11-12)	Departures Day	
Lunch 1-2pm		Lunch break (no lunch provided)						
PM session 2-5pm <i>Clinical and scientific inquiry</i>		Measurement of drug action on isolated blood vessels TL 4.14 Lead: Dr Steve Fitzjohn	Integrative physiology lab project TL3.10 Lead: Dr Ai Na Ng	Integrative physiology lab project: Statistics and Analysis TL 3.10 Lead: Dr Alex Swainson	Integrative physiology lab project oral presentations TL 3.10 Lead: Dr Kiah Tasman & Dr Zoe Palmer Support: Dr Bart Harvey	Free time		
Dinner	Dinner provided in residence 6:00-7:30pm							
Evening	Free Evening	Free Evening	Free Evening	Harbour Boat trip 6:00-7:00pm (Depart from Manor Hall 5.30pm) 7:30pm Dinner at Bandook (Wapping Wharf)	Free Evening	Free Evening	Free Evening	