

Biosciences: From Bench to Bedside, Session One

King's College London Undergraduate Summer School 2017

	Monday 26 June	Tuesday 27 June	Wednesday 28 June	Thursday 29 June	Friday 30 June
<i>Morning</i> 9.00am-12.30pm	Meet at 9.30am at first floor Summer Programmes desk - to be taken to first class. 10am Welcome – Dr Helen Collins 10.15 Opening Academic session What makes drugs such special stuff (Professor Tony Fox) 1.20 FWB	09:30-10:30 Plenary lecture - Drug Discovery and Development - a case study (Professor David Thurston) 11:00 – 13:00 Pharmacokinetics in action - class workshop experiment (Professor Tony Fox) 1.20 FWB	09.30 - 10:30 Drug formulation - class workshop experiment (Dr Paul Royall) 11:30-13:00 Lab visits 1.20 FWB	10.45 – 13:00 Testing treatments using animal models of diabetes case studies with lab visits (Dr Aileen King) NHH G12	09.30 - 13.00 Workshop – lay newspaper article writing (Dr Helen Collins and Professor Tony Fox) 1.20 FWB
<i>Afternoon</i> 1.00pm-5.00pm	Welcome Event and Enrolment; information will be available prior to arrival		Student ambassador will meet students in the FWB foyer at 1pm and show them the way to Guy's Campus and where New Hunts House is located.		3pm Tour of Gordon Museum, Guys campus
	Monday 3 July	Tuesday 4 July	Wednesday 5 July	Thursday 6 July	Friday 7 July
<i>Morning</i> 9.00am-12.30pm	09.30-13.00 Introduction: Explanation of the course - (Drs Ines Sequeira) 09:30 - 09:45 Stem Cell Concepts and Definitions (Dr Dusko Ilic) 09:45-11:00 Human embryonic and induced pluripotent stem cells - from derivation to clinical trials (Dr Dusko Ilic) 11:30-13:00 Activity Room 4 West Wing	9.30-11.00 Introduction to Imaging and quantification of Stem cells: Imaging stem cells in vivo and in vitro (Drs Ines Sequeira and Davide Danovi) Activity Room 4 West Wing 11.00-13:00 Lab Visit A: Centre for Stem Cell and Regenerative Medicine (Stem Cell Hotel) Lab Visit B: Nikon microscopy centre	Bioengineering (Dr Dusko Ilic) 09:30-11:00 Biomaterials and scaffolds (Prof Lucy Di-Silvio) 11:30-13:00 Tower lecture theatre	Islet Transplantation and Stem Cell Therapy of Diabetes (Prof Peter Jones) 09:30-11:00 Activity Room 4 West Wing Lab Visit A: Centre for Stem Cell and Regenerative Medicine (Stem Cell Hotel) Lab Visit B: Nikon microscopy centre	9.30-11:30 Tutorial 1 – poster presentation 12:00-13:00 Plenary lecture: the stem cell niche (Professor Fiona Watt) Activity Room 4 West Wing

This timetable is subject to change.

Biosciences: From Bench to Bedside, Session One

King's College London Undergraduate Summer School 2017



Afternoon 1.00pm-5.00pm					You will be picked up by Alex Bowmer at 1pm from outside Activity Room 4 for the Wellcome Trust tour
	Monday 10 July	Tuesday 11 July	Wednesday 12 July	Thursday 13 July	Friday 14 July
Morning 9.00am-12.30pm	Plenary lecture: CAR mechanics and cancer (Dr John Maher) Introduction to module and explanation of assignment (Drs Gillett and Van Hemelrijck) Activity Room 4 West Wing	Introduction to Research Bio banking (Dr Cheryl Gillett) Introduction to Cancer Epidemiology (Dr Mieke Van Hemelrijck) Activity Room 4 West Wing	Introduction to bioinformatics technologies and their application in cancer research (Dr Anita Grigoriadis) NHH G3	Lab visits: A) Biobank B) Bioinformatics C) Patho-epidemiology randomised clinical trial Student ambassador required to help direct students Innovations hub Guys cancer centre	CLOSING Academic session Journal club presentations Activity Room 4 West Wing
Afternoon 1.00pm-5.00pm					Farewell Event – 1.00pm-2.00pm Tutu's, Strand Campus

This timetable is subject to change.