

## Intercalated BMedSc Clinical Sciences – Timetable 2013-14

Research Methodology					
Date	Start	Finish	Venue	Lecture Title	Speaker
Wed 11/09/2013	13:15	14:15	S104	Next Generation DNA Sequencing	Dr Andrew Beggs
Mon 16/09/2013	09:00	10:00	S104	Microarray techniques; applications in research	Prof. Paul Murray
Mon 16/09/2013	10:00	11:00	S104	PCR	Dr Andrew Bell
Mon 16/09/2013	11:30	12:30	S104	Nucleic Acids: Molecular Biology I	Dr Phil Byrd
<b>Lunch (Take belongings - seminar in S104 during lunch)</b>					
Mon 16/09/2013	13:30	14:30	S104	Nucleic Acids: Molecular Biology II (may need to use S106/7)	Dr Phil Byrd
Mon 16/09/2013	14:30	15:30	S104	Biomarkers in medical research	Dr Yuk Ting Ma
Mon 16/09/2013	15:45	16:45	S104	Why Affinity & Avidity are important to Clinical Medicine	Dr Steve Young
Tue 17/09/2013	09:00	10:00	S104	Proteins theory of electrophoresis and liquid chromatography	Dr Glenn Matthews
Tue 17/09/2013	10:00	11:00	S104	Introduction to proteins	Dr Christian Ludwig
Tue 17/09/2013	11:15	12:15	S104	Protein primary structure determination & Mass Spectrometry	Dr Ashley Martin
<b>Lunch (Take belongings - seminar in S104 during lunch)</b>					
Tue 17/09/2013	13:30	14:30	S104	The structure of the cell	Dr Doug Ward
Tue 17/09/2013	14:30	15:30	S104	Microarray technology	Prof. Tanja Stankovic
Tue 17/09/2013	15:45	16:30	S104	Introduction to stem cells	Dr Laura O'Neill
Wed 18/09/2013	09:00	10:00	S104	Cell Cycle Regulation	Dr Andrew Turnell
Wed 18/09/2013	10:00	11:00	S104	Introduction to Microscopy	Dr Sally Roberts
Wed 18/09/2013	11:15	12:15	S104	NMR	Dr Christian Ludwig
<b>Lunch</b>					
Wed 18/09/2013	13:15	14:15	S104	Metabolomics	Dr Christian Ludwig
Wed 18/09/2013	14:15	15:15	S104	Introduction to X-ray Crystallography	Dr Fiyaz Mohammed
Wed 18/09/2013	15:30	16:30	S104	Introduction to cellular metabolism	Dr Dan Tennant

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Thu 19/09/2013	09:00	10:00	LT3	How to obtain ethical permission	Dr Jane Steele
Thu 19/09/2013	10:00	11:00	LT3	How to write and How to analyse a paper	Dr Jo Parish
Thu 19/09/2013	11:15	12:15	LT3	Diagnostic histopathology	Dr Philippe Taniere
<b>Lunch</b>					
Thu 19/09/2013	13:15	14:15	LT3	Signalling	Dr Jean Assender
Thu 19/09/2013	14:15	15:15	LT3	Apoptosis	Dr Andrew Turnell
Fri 20/09/2013	09:00	10:00	S104	Experimental Virology	Roger Grand
Fri 20/09/2013	10:00	11:00	S104	Phase I and II Clinical Trials	Dr Laura Crack
Fri 20/09/2013	11:15	12:15	S104	Phase III Clinical Trials	Mr Andrew Howman
<b>Lunch</b>					
Fri 20/09/2013	13:15	14:15	S104	Statistics	Dr Andrew Howman
Mon 23/09/2013	14:30	15:30	S104	The principles of drafting an argument	Prof. Paul Moss

## Intercalated BMedSc Clinical Sciences – Timetable 2013-14

Evolutionary Medicine					
Date	Start	Finish	Venue	Title	Session Speaker
Mon 30/09/2013	09:00	10:00	WF42	Outline and aims of the module	Prof. Paul Moss
	10:00	11:00	WF42	Oxygen – the good and the bad	Dr Daniel Tennant
	11:15	12:15	WF42	The History of Evolutionary Thought	Dr Jeremy Pritchard
Tue 01/10/2013	10:00	11:00	WF42	Ancient genes, modern diet and kidney disease	Dr Charles Ferro
	11:15	12:15	WF42	Evolutionary principles in Oncology	Prof. Paul Moss
<b>Lunch</b>					
	13:15	14:15	WF42	Statin therapy at a population level: an evolutionary perspective	Dr Bob Cramb
Wed 2/10/2013	10:00	11:00	S104	Evolutionary theories of ageing	Prof. Janet Lord
Thu 3/10/2013	09:00	10:00	S104	The evolution of cellular metabolism and its relationship to current supportive management in ITU	Dr Iain McKenzie
	10:00	11:00	S104	The evolution of the immune system	Prof. Peter Lane
<b>Fri 4/10/2013</b>	<b>08:00</b>	<b>Board Coach - Medical School Entrance</b>			

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10:00		Arrival – Tea / Coffee			
	10:30	12:00	Lecture Theatre	Epidemiology of vascular disease	Prof. Colin Baigent
<b>Lunch - Atrium</b>					
	13:00	14:00	Lecture Theatre – Cancer Building) (Ige green building)	FGFR1 mutations in disease	Prof. Andrew Wilkie FRS
	14:10	<b><i>Board Coach – For Oxford University Museum of Natural History Parks Road Oxford, OX1 3PW</i></b>			
	14:30	15:30	Lecture Theatre	Introduction	Malgosia Nowak-Kemp
	15:30	16:30	The arcades - Ground floor(NHM)	"History of Life" and "Living World" displays	
	16:30	<b><i>Board Coach – Return to Birmingham</i></b>			
<b>Curry! Akbars Authentic Indian Cuisine – 184 Hagley Road, Birmingham B16 9NY</b>					
Mon 7/10/2013	13:15	14:15	S106/7	The evolution of the reproductive system and its relation to obstetric practice	Dr David Lissauer

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Thu 24/10/2013	13:00	14:00	LDLT	Dispelling the Darkness: The true story of Alfred Russel Wallace and Charles Darwin	Dr John Van Wyhe - Senior Lecturer, National University of Singapore
Tue 29/10/2013	09:00	10:00	S104	The evolution of microbial resistance	Prof. Peter Hawkey
Wed 30/10/2013	09:00	10:30	S104	Small group Teaching	Prof. Paul Moss
Tue 21 <sup>st</sup> Jan 2014	12:30	13:30	LDLT	Patterns of human migration	Prof. Alice Roberts
<i>Lunch – Stanley Barnes Room</i>					

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Endocrinology					
Date	Start	Finish	Venue	Title	Session Speaker
Mon 07/10/2013	09:00	10:00	WF42	Introduction to Endocrinology	Dr Vivek Dhir
	10:00	11:00	WF42	Pre-receptor regulation of steroid hormone action	Dr Vivek Dhir
	11:15	12:15	WF42	In vivo assessment of metabolism in humans	Dr Konstantinos Manopoulos
Tue 8/10/2013	09:00	10:00	WF15	Role of glucocorticoid metabolising enzymes in skeletal ageing	Dr Zaki Hassan-Smith
	10:00	11:00	WF15	The metabolic consequences of obstructive sleep apnoea	Dr Abd Tahrani
	14:00	15:00	S104	Body composition changes after treatment of thyroid disorders	Dr Kristien Boelaert
Wed 9/10/2013	09:00	10:00	WF42	Glucocorticoids in the metabolic syndrome	Dr Jeremy Tomlinson
	10:00	11:00	WF42	Phenotype/Genotype correlations in congenital adrenal hyperplasia	Dr Nils Krone
	11:15	12:15	WF42	Mechanisms for pathogenesis and progression for endocrine cancer	Dr Chris McCabe
Thu 10/10/2013	09:00	10:00	WF42	Lipid metabolism: more than just statins	Dr Bob Cramb
	10:00	11:00	WF42	Development of new drugs for oestrogen dependent cancer	Dr Paul Foster
	11:15	12:15	WF42	Metabolomics in investigation of adrenal nodules	Prof. Wiebke Arlt
Fri 11/10/2013	09:00	10:00	WF15	New findings in inherited causes of diabetes	Prof. Tim Barrett
	10:00	11:00	WF15	Thyroid Dysfunction	Prof. Jayne Franklyn
	11:15	12:15	WF15	Management of thyroid dysfunction in pregnancy: the importance of understanding normal physiology	Dr Shiao Chan
<b>Lunch</b>					

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	13:00	14:00	LT3	CEDAM Seminar	Mr Asif Sarwar
Tue 21/10/2013	10:30	11:30	WF15	Student Presentations	Dr Vivek Dhir
Thurs 24/10/2013	09:00	16:00	S104	Journal Club / Module Feedback	Dr Martin Read and Dr Vivek Dhir

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Haematology					
Date	Start	Finish	Venue	Title	Session Speaker
Mon 4/11/2013	09:00	09:20	S104	Introduction and outline of the module	Dr Manoj Raghavan
	09:20	10:20	S104	Pathological classification of haematological malignancies	Dr Claudia Roberts
	10:30	11:30	S104	Molecular basis of haematopoiesis and leukaemia	Prof Conny Bonifer
	11:30	12:30	S104	Current approaches to the genetic analysis of haematological malignancy	Dr Sally Jeffries
<b>Lunch</b>					
<b>14:25</b> – Meet in the seminar room in the Education Resource Centre on the ground floor of BWH					
	14:30	TBC	Birmingham Women's Hospital	Introduction to genetics in haemo- oncology	Dr Susanna Akiki
	TBC	TBC	Birmingham Women's Hospital	38 students in 3 working groups 20mins lab tour, 20 mins workshop 1 (CML monitoring) 20 mins workshop 2 (chimerism monitoring)	Dr Susanna Akiki
	TBC	16:00	Birmingham Women's Hospital	Case presentation (10 mins) Discussion & questions (20 mins)	Dr Susanna Akiki
Tue 5/11/2013	09:00	10:00	S104	Haemolytic anaemias	Dr Jim Murray
	10:00	11:00	S104	Haemoglobinopathies	Dr Sarah Nicolle
	11:15	12:15	S104	Multiple myeloma & the paraproteinaemias	Dr Mark Cook
<b>Lunch</b>					
	14:00	17:00	Pathology Labs, QEHB	Field visit: Haematology Lab tour – Morphology / Blood counts, Coagulation and transfusion	Dr Manoj Raghavan / Dr Francesca Kinsella



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Wed 6/11/2013	09:00	10:00	WF38	The biology and clinical importance of platelets	Dr Steve Watson
	10:00	11:00	WF38	Molecular biology and treatment of clonal myeloid diseases	Dr Manoj Raghavan
	11:15	12:15	WF38	Hereditary bleeding disorders – the evolving pattern of care	Dr J Wilde
	12:15	13:15	WF38	The current and future role of immunophenotyping in leukaemia diagnosis	Dr Fiona Clark
<b>Lunch</b>					
	14:00	17:00	Clinical Immunology, Medical School	Clinical immunophenotyping, clinical analysis of immunoglobulins and paraproteins <i>( Please congregate outside the door leading into CIS, East Wing, Ground Floor, Medical School at 13.45pm and Dr Richardson will meet you)</i>	Dr Peter Richardson
Thu 7/11/2013	09:00	10:00	WF42	Venous Thrombosis as a major global health problem	Dr Will Lester
	10:00	11:00	WF42	Biology and therapy of high grade lymphoma	Dr P Mahendra
	11:15	12:15	WF42	Aplastic Anaemia and other immune cytopenias	Dr Jayashree Motawani
<b>Lunch</b>					
Group 1	13:00	15:00	NHS Blood and Transplant, Vincent Drive	Field visit: Stem cell laboratory, HLA typing laboratory tours	Dr Shirley Jobson / Dr Daniel Hollyman / Dr Halina Czarnecka / Dr Dave Atkinson
Group 2	15:00	17:00		<b>*(please see the information below)</b>	
Fri 8/11/2013	09:00	10:00	WF42	Iron metabolism, overload and chronic disease	Dr Chris Tselepis
	10:00	11:00	WF42	Hodgkin's Lymphoma and EBV	Prof Paul Murray

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<b>Lunch</b>					
	13:30	14:30	ATH	Chronic Lymphocytic Leukaemia	Prof Paul Moss
	14:30	15:00	ATH	Course review	Dr Manoj Raghavan
Thu 14/11/2013	15:00	16:00	S104	Complications of Blood Transfusion	Dr Heidi Doughty

- Wednesday 6<sup>th</sup> November 2013 breakdown**

	<b>14:00pm</b>		<b>14:45pm</b>
<b>Group 1</b>	Pathology Labs QEHB	<b>Group 3:</b>	Pathology Labs QEHB
<b>Group 2:</b>	Ward 621, Seminar Room QEHB & 6 <sup>th</sup> Floor and first ward on the left	<b>Group 4:</b>	Ward 621, Seminar Room QEHB & 6 <sup>th</sup> Floor and first ward on the left

- Thursday 7<sup>th</sup> November 2013 breakdown**

<b>13:00pm</b>	<b>13:10 – 13:30</b>	<b>13:30-13:50</b>	<b>Group</b>	<b>14:00-14:20</b>	<b>14:30 -14:40</b>
<b>Group 1</b>	H&I Seminar	Stem Cell seminar	<b>1a</b>	H&I Lab tour	Stem Cell Lab tour
			<b>1b</b>	Stem Cell Lab tour	H&I Lab tour
<b>15:00pm</b>	<b>15:10 – 15:30</b>	<b>15:30-15:50</b>	<b>Group</b>	<b>16:00 – 16:20</b>	<b>16:30 – 16:40</b>
<b>Group 2</b>	H&I Seminar	Stem Cell seminar	<b>2a</b>	H&I Lab tour	Stem Cell Lab tour
			<b>2b</b>	Stem Cell Lab tour	H&I Lab tour

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Cancer					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Mon 11/11/2013</b>	09:00	10:30	S104	Introduction to the Module / What is Cancer	Prof. A.M.R Taylor
	10:45	11:45	S104	Discussion about papers to read	Prof. A.M.R Taylor
	11:45	12:45	S104	Meta Analysis	Prof. Keith Wheatley
<b>Tue 12/11/2013</b>	09:00	10:00	S104	Important Genes in Cancer	Prof. A.M.R Taylor
	10:00	11:30	S104	Interactive session: Design a 'Cancer' clinical trial	Mr Andrew Howman
	11:45	12:45	S104	Chronic myeloid leukaemia as a model for the treatment of cancer	Prof. Charles Craddock
Lunch					
	14:00	15:00	S104	Breast cancer – model for cancer therapy	Dr Daniel Rea
<b>Wed 13/11/2013</b>	09:00	10:00	S104	Molecular mechanisms of metastasis	Dr Fedor Berditchevski
	10:00	11:00	S104	Cellular therapy after allogenic cell transplantation	Dr Frederick Chen
	11:15	12:15	S104	Synthetic Lethality: A genetic approach to treating cancer	Dr Grant Stewart
<b>Thu 14/11/2013</b>	09:30	10:30	S104	Screening for GI tract cancer	Prof. Dion Morton
<b>Fri 15/11/2013</b>	09:00	10:00	S104	Early phase trials in cancer	TBC
<b>Mon 18/11/2013</b>	09:00	10:30	S104	Published paper review	Prof. A.M.R Taylor
<b>Wed 20/11/2013</b>	09:00	10:30	S104	Published paper review	Prof. A.M.R Taylor

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<b>Fri</b> <b>22/11/2013</b>	09:00	10:30	S104	Published paper review	Prof. A.M.R Taylor
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Pathology					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Mon 18/11/13</b>	10:30	11:30	S104	Research in Focus - papers and discussion	Prof Paul Murray
	11:30	12:30	S104	Introduction to breast cancer pathology	Dr Shalini Chaudhri
<b>Lunch</b>					
	13:30	14:30	S106/7	Introduction to pathology of bladder & prostate cancers	Dr Nayneeta Deshmukh
	14:45	15:30	S106/7	Introduction to the pathology of gynaecological cancers	Dr Raji Ganesan
	15:40	16:40	BCTC	Tutorial (Birmingham Women's Hospital)	Dr Raji Ganesan
<b>Tue 19/11/13</b>	09:00	10:00	S104	Pathology of CNS tumours	Dr Santhosh Nagaraju
	10:00	11:00	S104	Pathology of skin cancer	Dr Claudia Roberts
	11:15	12:15	S104	Pathology of the liver	Prof Stefan Hubscher
<b>Lunch</b>					
	14:30	15:30	S104	Research in Focus-Breast cancer	Prof Paul Murray
<b>Wed 20/11/13</b>	10:30	11:30	S104	Pathology of the lung	Dr Simon Trotter
	11:45	12:45	S104	Pathology of the gastrointestinal system	Dr Phillipe Taniere and Mr Brendan O'Sullivan
<b>Lunch</b>					
	13:45	16:00	*B.W.H Directions below	Histopathology & Molecular Classification of Lymphoma / Tutorial (Birmingham Women's Hospital)	Dr Zbigniew Rudzki
<b>Thu</b>	09:00	10:00	S104	Research in Focus: lymphomas	Prof Paul Murray

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<b>21/11/13</b>					
	10:00	11:30	S104	Tutorial: Reading Scientific Papers	Prof Paul Murray
<b>Fri 22/11/13</b>	10:45	12:45	S104	Research in Focus: student presentations and feedback	Prof Paul Murray
<b>Lunch</b>					
	14:00	16:00	UHB	Pathology Lab Tour – Meet UHB Reception, call X 13351	Ms Susan Sharpe ( <i>Histopathology Lab Manager</i> )

### Histopathology - Under the Microscope Sessions

These are additional tutorial sessions with practising diagnostic pathologists who will review cases of relevance to their lecture- providing an opportunity to reinforce/expand the lecture content. You are asked to **CHOOSE FOUR OUT OF SIX** and then **as a GROUP** contact the clinician directly to organise these.

\*The Birmingham Cytology Training Centre is located at Birmingham Women’s Hospital, Ground Floor, Norton Court.

The Norton Court entrance to the Birmingham Women’s Hospital is situated to the right hand side of the main Birmingham Women’s Hospital building. From the Norton Court foyer, follow the signs to the Birmingham Cytology Training Centre. At the first set of doors, please use code **C246** and then follow the signposts. If you have any problems gaining access please use the telephone in the foyer and dial Ext 2721.

### On foot from the Birmingham Women’s Hospital site - Access via the Norton Court Entrance:

With the main entrance of the Birmingham Women’s Hospital facing you, walk to your right and you will see a driveway/car park with a barrier which is Norton Court Staff Car Park. Walk down the driveway and you will see the Norton Court entrance on your left. Once in the Norton Court foyer, turn right immediately and you will see the Birmingham Cytology Training Centre signposted. The code to gain access to the first set of double doors is C246 please use this code and then follow sign posts to Training Centre. If you have any problems gaining access please use the internal telephone in the foyer and ring Ext 2721.

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Rheumatology & Orthopaedics					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Mon 2/12/2013</b>	09:00	11:00	S104	Introduction: rheumatology and orthopaedics research in Birmingham	Dr Andrew Filer
	11:15	12:15	S104	Mouse models and rheumatology: when, why, which? (interactive session)	Dr Amy Naylor
<b>Lunch</b>					
	13:15	14:30	WF38	The rationale for belimumab therapy and trials (Interactive session)	Prof. Caroline
	14:30	15:30	WF38	Rheumatology basic science: the impact of hypoxia on cellular behaviour	Dr Stephen Young
<b>Tue 3/12/2013</b>	10:00	11:00	S104	Cartilage Repair	Mr Martyn Snow
	11:15	12:15	S104	How do glucocorticoids really work?	Prof. Andy Clark
<b>Wed 4/12/2013</b>	09:00	10:00	S104	Rheumatology basic science: Cytokine biology in the rheumatoid joint	Dr Dagmar Scheel-Toellner
	10:00	11:00	S104	Bone tumour research – from data to patients to stem cells!	Mr Lee Jeys
	11:15	12:15	S104	Sjogren's disease: linking clinical to basic science questions	Dr Ben Fisher
<b>Lunch</b>					
	13:15	14:15	S104	Orthopaedic surgical treatment for Rheumatoid Arthritis	Mr Andrew Thomas
<b>Thu 5/12/2013</b>	09:00	10:30	S104	Imaging research and early arthritis	Dr Andrew Filer
	10:45	11:45	S104	Very early arthritis and predicting clinical outcomes	Prof. Karim Raza
	11:45	12:45	<b>QEH</b>	<b>Group 1 ONLY</b> - musculoskeletal ultrasound: real practice	Dr Andrew Filer
	12:45	13:45	<b>QEH</b>	<b>Group 2 ONLY</b> - musculoskeletal ultrasound: real practice	Dr Andrew Filer
	13:45	14:45	S104	Rheumatological disease and new therapies	Dr Jonathan Sherlock
<b>Fri 6/12/2013</b>	09:00	10:30	S104	Student presentations – Mouse models and rheumatology: when,	Dr Amy Naylor

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				why, which?	
	11:00	12:30	S104	Immunology & Computer Assisted Surgery	Mr Edward Davis
	12:30	13:30	S104	Wrap up, trouble shooting and comments	Dr Andrew Filer



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Immunology					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Tue 10/12/13</b>	09:00	10:00	WF42	Introduction to the module	Dr Mark Cobbold
	10:00	11:00	WF42	Immune mediated rejection of transplanted tissue	Dr Nick Jones
	11:15	12:15	WF42	The Immunology of ANCA Vasculitis	Dr Matthew Morgan
<b>Lunch</b>					
	13:15	14:15	WF42	Development of CD4 dependent immune responses	Dr David Withers
	14:15	15:15	WF42	Allergy and desensitisation	Dr Alex Richter
	15:30	16:30	WF42	Immunodeficiency	Prof. Mark Drayson
<b>Wed 11/12/13</b>	09:00	10:00	S104	Renal transplantation	Mr Nick Inston
	10:00	11:00	S104	Liver Immunology	Dr Gideon Hirschfield
	11:15	12:15	S104	Therapeutic antibody development	Dr Mark Cobbold
<b>Lunch</b>					
	13:15	14:15	S104	Antibody incompatible transplantation	Dr David Briggs
<b>Thu 12/12/13</b>	09:00	10:00	S104	Follow up tutorial	Dr Nick Jones
	10:00	11:00	S104	Follow up tutorial	Dr David Withers
	11:15	12:15	S104	Follow up tutorial	Mr Nick Inston
<b>Lunch</b>					
	13:15	14:15	S104	Follow up tutorial	Dr David Briggs
	14:15	15:15	S104	Follow up tutorial	Prof. Mark Drayson
<b>Fri 13/12/13</b>	09:00	10:00	S104	Follow up tutorial	Dr Matthew Morgan
	10:00	11:00	S104	Follow up tutorial	Dr Alex Richter

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	11:15	12:15	S104	Follow up tutorial	Dr Gideon Hirschfield
<b>Lunch</b>					
	13:15	14:30	S104	Follow up tutorial / Feedback	Dr Mark Cobbold

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Infection					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Mon 6/01/2014</b>	09:00	10:00	S104	MRSA	Dr Katie Hardy
	10:00	11:00	S104	Infections in the developing world	Dr Matthew O'Shea
<b>Tue 7/01/2014</b>	09:00	10:00	S104	Gene transfer and dissemination	Prof. Peter Hawkey
	11:15	12:15	S104	Clostridium difficile	Prof. Peter Hawkey
<b>Wed 8/01/2014</b>	09:00	10:00	S104	RNA Viruses	Prof. Peter Balfe
	10:00	11:30	S104	Biofilm formation and quorum sensing	Dr Mark Webber
	11:45	12:45	S104	DNA Viruses	Dr Andrew Hislop
<b>Thu 9/01/2014</b>	10:00	11:30	S104	Infection control in hospitals	Dr Savita Gossain
	11:45	12:45	S104	Epstein Barr Virus	Dr Andrew Bell
<b>Fri 10/01/2014</b>	09:00	10:00	S106/7	Efflux & antibacterial resistance	Dr Mark Webber
	10:00	11:30	S106/7	The innate immune system & viruses. TRIM5-alpha, APOBEC and siRNAs	Prof. Peter Balfe
	11:45	12:45	S106/7	Human Immunodeficiency Virus	Dr Erasmus Smit
<b>Fri 17/01/2014</b>	10:30	11:30	S104	Bacterial pathogenicity mechanisms	Prof. Ian Henderson

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Liver & GI Medicine					
Date	Start	Finish	Venue	Title	Session Speaker
<b>Mon 13/01/14</b>	09:00	09:30	S104	Introduction to the module	Prof. Phil Newsome
	09:30	10:45	S104	Immunological response and contribution to liver injury	Dr Patricia Lalor
	11:00	12:15	S104	Fibrotic response to chronic liver injury	Dr Neil Henderson
<b>Lunch</b>					
	13:15	14:15	LT1	Research in progress (tbc)	Chris Weston
	14:15	15:15	LT1	Clinical complications of liver fibrosis	Jo Leithead
<b>Tue 14/01/14</b>	09:30	10:30	S104	Genetics of liver disease	Dr Gideon Hirschfield
	10:45	12:15	S104	Viral hepatitis	Prof. Jane McKeating
<b>Lunch</b>					
	13:15	14:15	LT3	Viral hepatitis; clinical state of the art	Prof. David Mutimer
	14:15	15:15	LT3	Inflammatory Bowel Disease	Dr Tariq Iqbal
	15:30	16:40	LT3	Research in progress	Dr Ian Rowe
<b>Wed 15/01/14</b>	09:00	10:00	S104	Alcohol and the liver and GI tract	Dr Andrew Holt
	10:15	11:15	S104	Non-alcoholic Fatty liver disease	Prof. Phil Newsome
	11:15	12:15	S104	Hepatocellular carcinoma	Dr Shashir Shetty
<b>Thu 16/01/14</b>	09:00	10:15	S104	Transplantation immunology	Dr Nick Jones
	10:30	11:45	S104	Transplantation in clinical practice	Dr James Ferguson

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	11:45	12:45	S104	Cell therapy for liver disease	Prof. Phil Newsome
<b>Lunch</b>					
	14:00	14:45	S104	Research in progress (tbc)	Jo Leithead
	15:00	15:45	S104	Mesenchymal Stem Cell Therapy for Liver Disease	Shankar Suresh
	15:45	16:45	S104	Q & A session	Prof. Philip Newsome
<b>Fri 17/01/14</b>	11:30	12:30	S104	Iron Biology	Dr Chris Tselepis