

**BSc in Surgery & Anaesthesia**

**Cancer, Repair  
and Regeneration**

**2012/13**

# Timetable 2012-13

## BSc Surgery and Anaesthesia: Module 1

### Week 1

| Date  | Day       | Start Time | End Time | Campus      | Room  | Session  | Course                    | Title  | Tutor Name                                 | Group |
|-------|-----------|------------|----------|-------------|---|----------|---------------------------|--|--|-------|
| 08-10 | Monday    | 10:00      | 10:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Tutorial | BSc Surgery & Anaesthesia | Welcome and Introduction   | <a href="#">Mr Duncan Spalding</a>         | All   |
| 08-10 | Monday    | 10:30      | 11:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | The role of the surgeon- organ reserve and regeneration                  | <a href="#">Professor Robin Williamson</a> | All   |
| 08-10 | Monday    | 12:00      | 12:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Tutorial | BSc Surgery & Anaesthesia | Writing a surgical paper   | <a href="#">Professor Robin Williamson</a> | All   |
| 09-10 | Tuesday   | 09:30      | 10:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | USS and RFA and their application in cancer                              | <a href="#">Professor Ed Leen</a>          | All   |
| 09-10 | Tuesday   | 12:00      | 13:00    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | Biliary obstruction and PTC drainage                                     | <a href="#">Dr Steven Moser</a>            | All   |
| 09-10 | Tuesday   | 13:00      | 14:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | Portal vein embolisation (PVE) and Transarterial chemoembolisation(TACE) | <a href="#">Dr Paul Tait</a>               | All   |
| 09-10 | Tuesday   | 14:30      | 15:30    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | Endoscopic ultrasound  | <a href="#">Dr Panagiotis Vlavianos</a>    | All   |
| 10-10 | Monday    | 06:00      | 13:30    | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Neuroendocrine tumours   | <a href="#">Professor Andrea Frilling</a>  | All   |
| 10-10 | Wednesday | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Carcinogenesis   | <a href="#">Dr Ana Costa Pereira</a>       | All   |
| 10-10 | Wednesday | 10:00      | 11:00    | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Cancer Chemotherapy  | <a href="#">Dr Sarah Blagden</a>           | All   |
| 10-10 | Wednesday | 11:00      | 12:00    | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Therapeutic mechanisms to overcome chemotherapy resistance               | <a href="#">Dr Roshan Agarwal</a>          | All   |
| 11-10 | Thursday  |            |          |             |   |          | BSc Surgery & Anaesthesia | PRIVATE STUDY  |  | All   |
| 12-10 | Friday    | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  |          | BSc Surgery & Anaesthesia | News & Views Session 1   | <a href="#">Dr Manuela Mura</a>            | All   |
|       |           |            |          |             | Wolfson   |          |                           |  |  |       |

|       |        |       |       |             |  |         |                           |                             |                                    |     |
|-------|--------|-------|-------|-------------|--|---------|---------------------------|-----------------------------|------------------------------------|-----|
| 12-10 | Friday | 10:00 | 11:00 | Hammersmith | Lecture Theatre II, Wolfson Education Centre         | Lecture | BSc Surgery & Anaesthesia | Cholangiocarcinoma          | <a href="#">Dr Shahid Khan</a>     | All |
| 12-10 | Friday | 11:00 | 12:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | HCC                         | <a href="#">Dr Shahid Khan</a>     | All |
| 12-10 | Friday | 13:00 | 14:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Biliary obstruction in ERCP | <a href="#">Dr David Westaby</a>   | All |
| 12-10 | Friday | 14:00 | 15:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre |         | BSc Surgery & Anaesthesia | News & Views Session 2      | <a href="#">Dr Duncan Spalding</a> | All |

## Week 2

| Date  | Day       | Start Time | End Time | Campus      | Room  | Session  | Course                    | Title                                     | Tutor Name                             | Group |
|-------|-----------|------------|----------|-------------|---|----------|---------------------------|---|--|-------|
| 15-10 | Monday    | 08:15      | 17:00    | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lectures | BSc Surgery & Anaesthesia | Annual HPB Meeting                        | <a href="#">Various</a>                | All   |
| 16-10 | Tuesday   | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture  | BSc Surgery & Anaesthesia | Targeting cancer metabolism               | <a href="#">Dr Jennet Williams</a>     | All   |
| 16-10 | Tuesday   | 10:00      | 11:00    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture  | BSc Surgery & Anaesthesia | Cancer metastasis mechanisms              | <a href="#">Dr Manuela Mura</a>        | All   |
| 16-10 | Tuesday   | 11:30      | 12:30    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture  | BSc Surgery & Anaesthesia | Pathways leading to apoptosis             | <a href="#">Dr Euan Stronach</a>       | All   |
| 16-10 | Tuesday   | 12:30      | 13:30    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture  | BSc Surgery & Anaesthesia | DNA repair and cancer therapy             | <a href="#">Dr Laki Buluwela</a>       | All   |
| 16-10 | Tuesday   | 13:30      | 14:30    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture  | BSc Surgery & Anaesthesia | Cancer genetics and the endocrine surgeon | <a href="#">Mr Fausto Palazzo</a>      | All   |
| 17-10 | Wednesday | 08:00      | 09:00    | Hammersmith | Seminar Rooms 3&4, Wolfson Education Centre           | Lecture  | BSc Surgery & Anaesthesia | Liver failure and liver transplantation   | <a href="#">Mr Charles Imber (UCH)</a> | All   |
| 17-10 | Wednesday | 09:00      | 10:00    | Hammersmith | Seminar Rooms 3&4, Wolfson Education Centre           | Lecture  | BSc Surgery & Anaesthesia | Liver stem cell transplantation           | <a href="#">Mr Madhava Pai</a>         | All   |
| 18-10 | Thursday  |            |          |             |   |          | BSc Surgery & Anaesthesia | PRIVATE STUDY                             |  | All   |
| 19-10 | Friday    | 08:00      | 09:00    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  |          | BSc Surgery & Anaesthesia | News & Views Session 3                    | <a href="#">Dr Sarah Blagden</a>       | All   |
| 19-10 | Friday    | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture  | BSc Surgery & Anaesthesia | Radiotherapy                              | <a href="#">Dr Ed Park</a>             | All   |

|       |        |       |       |             |  |          |                           |                                       |  |     |
|-------|--------|-------|-------|-------------|--|----------|---------------------------|---------------------------------------|--|-----|
| 19-10 | Friday | 10:00 | 11:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Targeted anticancer therapies         | <a href="#">Dr Sarah Blagden</a>         | All |
| 19-10 | Friday | 12:00 | 13:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre | Lecture  | BSc Surgery & Anaesthesia | Surgery for gynaecological malignancy | <a href="#">Miss Sadaf Ghaem-Maghani</a> | All |
| 19-10 | Friday | 13:00 | 14:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre |          | BSc Surgery & Anaesthesia | News & Views Session 4                | <a href="#">Mr Duncan Spalding</a>       | All |
| 19-10 | Friday | 14:00 | 14:15 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre | Tutorial | BSc Surgery & Anaesthesia | Feedback                              | <a href="#">Mr Duncan Spalding</a>       | All |

**Week 3**

| Date  | Day       | Start Time | End Time | Campus      | Room  | Session | Course                    | Title   | Tutor Name                               | Group |
|-------|-----------|------------|----------|-------------|---|---------|---------------------------|---|--|-------|
| 22-10 | Monday    |            |          |             |   |         | BSc Surgery & Anaesthesia | PRIVATE STUDY   |  | All   |
| 23-10 | Tuesday   | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Diabetes and pancreatic transplantation   | <a href="#">Mr Vassilios Papalois</a>    | All   |
| 23-10 | Tuesday   | 10:00      | 11:00    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre | Debate  | BSc Surgery & Anaesthesia | Medical Ethics Debate: organ donation should be compulsory - for and against                                  | <a href="#">Mr Vassilios Papalois</a>    | All   |
| 23-10 | Tuesday   | 11:30      | 12:30    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Genomics  | <a href="#">Dr Mick Jones</a>            | All   |
| 23-10 | Tuesday   | 12:30      | 13:30    | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Hormones and Cancer   | <a href="#">Dr Suzy Cleator</a>          | All   |
| 24-10 | Wednesday |            |          |             |   |         | BSc Surgery & Anaesthesia | COMMEMORATION DAY - NO TEACHING   |  | All   |
| 25-10 | Thursday  |            |          |             |   |         | BSc Surgery & Anaesthesia | PRIVATE STUDY   |  | All   |
| 26-10 | Friday    | 09:30      | 10:30    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  | Lecture | BSc Surgery & Anaesthesia | Fertility preservation and restoration  | <a href="#">Dr J.Richard Smith</a>       | All   |
| 26-10 | Friday    | 10:30      | 11:30    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  | Lecture | BSc Surgery & Anaesthesia | Multimodal management of colorectal cancer  | <a href="#">Mr Paul Ziprin</a>           | All   |
| 26-10 | Friday    | 12:30      | 13:30    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  | Lecture | BSc Surgery & Anaesthesia | Use of Yttrium 90 microspheres in treatment of liver tumours  | <a href="#">Professor Adil Al-Nahhas</a> | All   |
| 26-10 | Friday    | 13:30      | 14:30    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  | Lecture | BSc Surgery & Anaesthesia | News & Views 5  | <a href="#">Mr Duncan Spalding</a>       | All   |
| 26-10 | Friday    | 14:30      | 15:30    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  | Debate  | BSc Surgery & Anaesthesia | Medical Ethics Debate: Surgery has a diminishing role in management of patients with cancer - for and against | <a href="#">Mr Duncan Spalding</a>       | All   |
| 26-10 | Friday    | 15:30      | 15:45    | Hammersmith | Sub-basement Seminar Room 8, Commonwealth Building  |         | BSc Surgery & Anaesthesia | Feedback  | <a href="#">Mr Duncan Spalding</a>       | All   |

**Week 4**

| Date  | Day    | Start Time | End Time | Campus      | Room                                | Session | Course        | Title              | Tutor Name                          | Group |
|-------|--------|------------|----------|-------------|-------------------------------------|---------|---------------|--------------------|-------------------------------------|-------|
| 29-10 | Monday | 09:00      | 10:00    | Hammersmith | Wolfson Lecture Theatre II, Wolfson | Lecture | BSc Surgery & | Cancer epigenetics | <a href="#">Professor Bob Brown</a> | All   |

|       |           |       |       |             |   |         |                           |  |   |     |
|-------|-----------|-------|-------|-------------|---|---------|---------------------------|--|---|-----|
|       |           |       |       |             | Education Centre                                      |         | Anaesthesia               |  |   |     |
| 29-10 | Monday    | 10:00 | 11:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture | BSc Surgery & Anaesthesia | Cancer stem cells  | <a href="#">Professor Bob Brown</a>       | All |
| 29-10 | Monday    | 11:00 | 12:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  | Lecture | BSc Surgery & Anaesthesia | RNA interference (RNAi), an emerging mechanism for the control of gene expression  | <a href="#">Dr Brad Cobb</a>              | All |
| 30-10 | Tuesday   | 09:30 | 10:30 | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture | BSc Surgery & Anaesthesia | Senescence in normal and cancer cells  | <a href="#">Dr Jesus Gil</a>              | All |
| 30-10 | Tuesday   | 10:30 | 11:30 | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   | Lecture | BSc Surgery & Anaesthesia | Cancer immunotherapy   | <a href="#">Professor Henning Walczak</a> | All |
| 30-10 | Tuesday   | 11:30 | 12:30 | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   |         | BSc Surgery & Anaesthesia | News & Views Session 6   | <a href="#">Dr Sarah Blagden</a>          | All |
| 30-10 | Tuesday   | 13:30 | 14:30 | Hammersmith | Wolfson Lecture Theatre I, Wolfson Education Centre   |         | BSc Surgery & Anaesthesia | News & Views Session 7   | <a href="#">Dr Sarah Blagden</a>          | All |
| 31-10 | Wednesday | 08:30 | 09:30 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Early clinical trials: what happens when they go wrong                             | <a href="#">Dr Stephen Brett</a>          | All |
| 31-10 | Wednesday | 09:30 | 10:30 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Lecture | BSc Surgery & Anaesthesia | Early Phase I clinical trials / Early clinical trials: the patient prospective     | <a href="#">Dr Sarah Blagden</a>          | All |
| 31-10 | Wednesday | 11:00 | 12:00 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre | Debate  | BSc Surgery & Anaesthesia | Medical ethics debate: Phase I trials are unethical - for and against              | <a href="#">Dr Sarah Blagden</a>          | All |
| 01-11 | Thursday  |       |       |             |   |         | BSc Surgery & Anaesthesia | PRIVATE STUDY  |   | All |
| 02-11 | Friday    | 10:00 | 11:00 | Hammersmith | Seminar Room 2, Wolfson Education Centre              | Lecture | BSc Surgery & Anaesthesia | Kidney transplantation and immunosuppression                                       | <a href="#">Dr Adam Maclean</a>           | All |
| 02-11 | Friday    | 11:30 | 12:30 | Hammersmith | Seminar Room 2, Wolfson Education Centre              | Debate  | BSc Surgery & Anaesthesia | Medical ethics debate: adult stem cell therapy will never succeed: for and against | <a href="#">Mr Duncan Spalding</a>        | All |
| 02-11 | Friday    | 12:30 | 13:30 | Hammersmith | Seminar Room 2, Wolfson Education Centre              |         | BSc Surgery & Anaesthesia | News & Views Session 8   | <a href="#">Mr Duncan Spalding</a>        | All |
| 02-11 | Friday    | 13:30 | 13:45 | Hammersmith | Seminar Room 2, Wolfson Education Centre              |         | BSc Surgery & Anaesthesia | Feedback   | <a href="#">Mr Duncan Spalding</a>        | All |

## Week 5

| Date  | Day      | Start Time | End Time | Campus | Room    | Session | Course                    | Title             | Tutor Name | Group |
|-------|----------|------------|----------|--------|---------|---------|---------------------------|-------------------|------------|-------|
| 08-10 | Thursday |            |          |        |         |         | BSc Surgery & Anaesthesia | PRIVATE STUDY     |            | All   |
| 08-10 | Thursday |            | 16:00    |        |         |         | BSc Surgery & Anaesthesia | Submit assessment |            | All   |
|       |          |            |          |        | Wolfson |         |                           |                   |            |       |

|       |           |       |       |             |   |        |                           |  |   |     |
|-------|-----------|-------|-------|-------------|---|--------|---------------------------|--|---|-----|
| 09-10 | Friday    | 09:00 | 13:00 | Hammersmith | Lecture Theatre I, Wolfson Education Centre           | Groups | BSc Surgery & Anaesthesia | POSTER PRESENTATIONS                           | <a href="#">Mr Duncan Spalding / Dr Sarah Blagden</a> | All |
| 05-11 | Monday    |       |       |             |   |        | BSc Surgery & Anaesthesia | PRIVATE STUDY                                  |   | All |
| 06-11 | Tuesday   | 09:00 | 10:00 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre |        | BSc Surgery & Anaesthesia | Multimodal management of upper GI malignancies | <a href="#">Mr Krishna Moorthy</a>                    | All |
| 06-11 | Tuesday   | 10:00 | 11:00 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre |        | BSc Surgery & Anaesthesia | Use of dynamic imaging methods                 | <a href="#">Dr Laura Kenny</a>                        | All |
| 06-11 | Tuesday   | 11:30 | 12:30 | Hammersmith | Wolfson Lecture Theatre III, Wolfson Education Centre |        | BSc Surgery & Anaesthesia | Micro RNAs: a new frontier in oncology         | <a href="#">Dr Leandro Castellano</a>                 | All |
| 07-11 | Wednesday | 08:00 | 09:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  |        | BSc Surgery & Anaesthesia | News & Views Session 9                         | <a href="#">Mr Duncan Spalding</a>                    | All |
| 07-11 | Wednesday | 09:00 | 10:00 | Hammersmith | Wolfson Lecture Theatre II, Wolfson Education Centre  |        | BSc Surgery & Anaesthesia | News & Views Session 10                        | <a href="#">Mr Duncan Spalding</a>                    | All |

## Information

## **LOCATION OF THE HAMMERSMITH HOSPITAL CAMPUS**

### **Travelling to the Hammersmith**

The hospital is located within half a mile of the A40M (Western Avenue). The nearest underground stations are White City and East Acton, both on the Central Line. Bus numbers 7, 70, 72, 272 and 283, stop directly outside the main hospital entrance. There is also a shuttle bus for staff that runs between Charing Cross Hospital and Hammersmith Hospital but please be aware that these only run once every 90 minutes. Travel time is dependent on traffic conditions.

For cyclists there are hospital bike racks available at the front of the Commonwealth Building. There is a large public "Pay & Display" car park situated behind the hospital, but can become congested at certain times of the day.

### **Catering**

There is a restaurant in the Wolfson Education Centre and there is also Ex Libris on the 1<sup>st</sup> Floor of the Commonwealth Building which serves coffee and snacks. In addition there is a self-service cafeteria located in the North Corridor near the back entrance of the hospital. It is open all day and serves a variety of hot and cold meals, snacks etc. Coffee bars are located in the Cancer Centre and on the Ground floor of the Renal Unit. The shop in the main entrance sells sandwiches, sweets, crisps, newspapers, magazines, stamps etc.

### **Other Amenities**

There is also an ATM machine, a florist, and some public telephones in the front foyer. The library is situated on the 1<sup>st</sup> Floor of the Commonwealth Building.



## BSc in Surgery and Anaesthesia 2012 – 2013

### Module 1: Regeneration, Repair and Cancer Control

#### The Times News Feature – 50% of in-course assessment

You are a freelance journalist and have been commissioned by the Science Editor of The Times newspaper to write a 1000 word editorial feature (one A4 sheet) on this (fictional) incident and similar (factual) incidents that have been described in the press/scientific literature over the last 5-10 years. Your article should explain for the readers the significance of scientific fraud and its implications for the future of research. The article should be aimed at the Times readership and be objective and non-sensationalist. The feature can include up to 2 images and be presented in "Times" font and style.

'In October 2012, a paper was published in the high impact journal "Nucleus", by a research group based at the Royal College of Science (RCS), London who claimed to have cured 7 advanced cancer patients using stem cell therapy. The claims of this group, headed by the prestigious molecular biologist Professor Tobias Dixon, were found to be false and the paper has subsequently been withdrawn. In fact, although the group has had extensive stem cell research experience, the therapies they described had not yet entered clinical testing.

Following media pressure, Professor Dixon resigned from his post at the RCS and from his position as the Chairman of the UK Ethics Group. He, however, remained ebullient, saying in a statement to the press "Scientists are under terrible pressure to publish, as journals set ever higher publication thresholds. Although the results were not quite as we stated, we are sure to be exonerated once our work reaches clinical trials. How can I apologise when I am only guilty of optimism?"

The dramatic downfall of this esteemed professor and his team has caused a media frenzy with public concern that this and other recent cases reflect an apparent upsurge in scientific fraud.'

**Please note that College rules on plagiarism must be adhered to**

**Submission:** Please submit via blackboard on Thursday 8<sup>th</sup> November by 4.00pm

**Learning outcomes:** At the end of this assessment you should be able to:

- Write a report on a scientific/medical topic for a layperson in a leading newspaper
- Differentiate between journalistic and academic writing
- Be able to re-present published work in review format

## BSc in Surgery and Anaesthesia 2012/2013

### Module 1: Regeneration, Repair and Cancer Control

#### Poster Project – 50% of in-course assessment

**Limit:** One poster to be presented on a single PowerPoint slide

One abstract

One A4 sheet of your reflective learning summary

#### Poster Presentation:

You will be given a topic to research and present as a poster. Students will work in groups of five/six and the poster will be presented to a panel comprising Mr Spalding and Dr Blagden on Friday 9<sup>th</sup> November at 09.00hrs. Your poster and an abstract must be prepared and sent electronically by Friday 26<sup>th</sup> October 2012. Students will present the poster on the day using a single PowerPoint slide.

You should consider that the audience are experts in their field, so please assume some level of knowledge.

- Each of the groups will be given 20 minutes for their presentation with time set aside for questions after the presentation.
- We will adhere strictly to the time allocation and you will be stopped at the end of 20 minutes regardless of whether each of you have had the opportunity to present and regardless of whether the group has completed their presentation.
- Each member of your group must present an equal amount of the research, as each will receive the same mark. Failure of the group to equally apportion the research and demonstrate this in their presentation will result in a lower group mark.

Poster Layout: ([https://www.imperial.ac.uk/spectrum/brand2003/templates\\_bkr.htm](https://www.imperial.ac.uk/spectrum/brand2003/templates_bkr.htm))

Your group has a free hand as regards design but you may wish to look at the Imperial templates (link above). You can build on the experience from the poster presentations for the Foundation Course and these will be available for reference.

The following are a reminder:

- Keep the title short
- Use the Imperial logo
- Add names of contributors
- Date in right hand lower corner
- Short pithy statements are better than long rambling pieces of text
- Illustrations can sometimes highlight important information better than text
- Use a large enough font to make sure that the audience will be able to read what you have written from a reasonable distance.
- Do not forget to reference the work, but ensure that they are the most recent and from leaders in the field.

### **The presentation**

Again, you can build on the academic communication sessions from the Foundation Course.

- Ensure that the presentation has a structure which you follow and is clear to the audience
- No use of crib notes as you should know the area you are presenting
- This is group work so your project should flow seamlessly from one member to another, building on the research as you go
- Load your presentation on to the computer before the start of the session to avoid any delay between presentations.

### **Learning summary**

Each student will submit a reflective learning summary, which could include; time management and organisation, what you achieved and learnt from this project, any areas which need further development and your individual experience of working in the group. The summary must be submitted at the poster presentation. This will not be awarded a mark, but failure to submit will result in deduction of marks.

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**Learning Outcomes:** At the end of the assessment you should be able to:

- Prepare a scientific poster suitable for submission and presentation at a scientific meeting
- Write an abstract of the work
- Discuss in depth the part of the project you have researched
- Reflect on your learning

## Repair, Regeneration and Cancer Control

### POSTER PROJECTS

Poster 1 – Cancer Stem Cells – an opportunity to develop new anti cancer treatment?

|          |              |
|----------|--------------|
| Eunsol   | Kim          |
| Ankur    | Khajuria     |
| Charison | Tay          |
| Chetan   | Khatri       |
| Denise   | Osei-Kuffour |

Poster 2 – Cancer metabolism – how does cancer alter metabolism to its own advantage?

|          |           |
|----------|-----------|
| Evelyn   | Thangaraj |
| Hong     | Chen      |
| Jameel   | Mushtaq   |
| Jenifa   | Jeyakumar |
| Jonathan | Goodship  |

Poster 3 – Cell transplantation – will it make solid organ transplantation redundant?

|         |          |
|---------|----------|
| Don     | Koh      |
| Malaz   | Elsaddig |
| Michael | Kelly    |
| Muaaz   | Tahir    |
| Kirtan  | Patel    |

**Poster 4 – MicroRNA's in human cancer – an opportunity for cancer therapy**

|         |         |
|---------|---------|
| Raghav  | Varma   |
| Richard | Holder  |
| Rohini  | Rao     |
| Simon   | Federer |
| Alexis  | Nelson  |

**Poster 5 – Epithelial mesenchymal transition – its role in cancer development**

|           |          |
|-----------|----------|
| Sybgat    | Rahim    |
| Sarah     | Gentry   |
| Uttaran   | Datta    |
| Sebastian | Kosasih  |
| Nada      | Anzak    |
| Kimberly  | Lackenby |

**Poster 6 – Drug resistance mechanisms – their role in cancer and cancer therapy**

|          |            |
|----------|------------|
| Jonathan | Cooper     |
| Joshua   | Henry      |
| Kashed   | Rahman     |
| Pia      | Persson    |
| Kyle     | Stephenson |

## MEDICAL ETHICS DEBATES

There are four medical ethics debates during the module. These are to be held on the following dates:

**Tuesday 23<sup>rd</sup> October 2012**

1000-1100 Organ donation should be compulsory - for and against.

|     |         |              |
|-----|---------|--------------|
| FOR | Eunsol  | Kim          |
|     | Denise  | Osei-Kuffour |
|     | Jenifa  | Jayakumar    |
|     | Michael | Kelly        |

|         |         |        |
|---------|---------|--------|
| AGAINST | Sybgbat | Rahim  |
|         | Nada    | Anzak  |
|         | Richard | Holder |
|         | Kashed  | Rahman |

**Friday 26<sup>th</sup> October 2012**

1430-1530 Surgery has a diminishing role in the management of patients with cancer – for and against.

|     |          |           |
|-----|----------|-----------|
| FOR | Ankur    | Khajuria  |
|     | Evelyn   | Thangaraj |
|     | Jonathan | Goodship  |
|     | Muaaz    | Tahir     |

|         |          |          |
|---------|----------|----------|
| AGAINST | Rohini   | Rao      |
|         | Sarah    | Gentry   |
|         | Kimberly | Lackenby |
|         | Pia      | Persson  |



Wednesday 31<sup>st</sup> October 2012

1100-1200 Phase I trials are unethical - for and against.

|     |          |       |
|-----|----------|-------|
| FOR | Charison | Tay   |
|     | Hong     | Chen  |
|     | Don      | Koh   |
|     | Kurtan   | Patel |

|         |          |            |
|---------|----------|------------|
| AGAINST | Simon    | Federer    |
|         | Uttaran  | Datta      |
|         | Jonathan | Cooper     |
|         | Kyle     | Stephenson |

Friday 2<sup>nd</sup> November 2012

1130-1230 Adult stem cell therapy will never succeed - for and against.

|     |        |          |
|-----|--------|----------|
| FOR | Chetan | Khatri   |
|     | Jameel | Mushtaq  |
|     | Malaz  | Elsaddig |
|     | Raghav | Varma    |

|         |           |         |
|---------|-----------|---------|
| AGAINST | Alexis    | Nelson  |
|         | Sebastian | Kosasih |
|         | Joshua    | Henry   |

## 'NEWS & VIEWS' PRESENTATIONS

There are ten 'News & Views' sessions during the module. (NB. These will not be awarded a mark). The person who gives the best presentation from each session will then give a presentation of a paper on the final day of the module after the poster session. The best from the final session will be awarded a prize.

### NEWS & VIEWS

Everyone will be given a scientific paper to critically review. You should judge the quality of research and if appropriate challenge the opinions expressed and advocate improvements. In addition, reports on the area of research should be sought in the popular press. The accuracy of reporting and degree of optimism for future medical application of the research should be commented on.

These are to be held on the following dates:

#### Session 1, Friday 12<sup>th</sup> October, 0900-1000

| NEWS & VIEWS |            | ARTICLE |
|--------------|------------|---------|
| Kyle         | Stephenson | 1       |
| Pia          | Persson    | 2       |
| Kashed       | Rahman     | 3       |

#### Session 2, Friday 12<sup>th</sup> October, 1400-1500

|          |          |   |
|----------|----------|---|
| Joshua   | Henry    | 4 |
| Jonathan | Cooper   | 5 |
| Kimberly | Lackenby | 6 |

#### Session 3, Friday 19<sup>th</sup> October, 0800-0900

|           |         |   |
|-----------|---------|---|
| Nada      | Anzak   | 7 |
| Sebastian | Kosasih | 8 |
| Uttaran   | Datta   | 9 |

**Session 4, Friday 19<sup>th</sup> October, 1300-1400**

|         |         |    |
|---------|---------|----|
| Sarah   | Gentry  | 10 |
| Sybghat | Rahim   | 11 |
| Alexis  | Nelson  | 12 |
| Simon   | Federer | 13 |

**Session 5, Friday 26<sup>th</sup> October, 1330-1430**

|         |        |    |
|---------|--------|----|
| Rohini  | Rao    | 14 |
| Richard | Holder | 15 |
| Raghav  | Varma  | 16 |

**Session 6, Tuesday 30<sup>th</sup> October 1230-1330**

|         |       |    |
|---------|-------|----|
| Kirtan  | Patel | 17 |
| Muaaz   | Tahir | 18 |
| Michael | Kelly | 19 |

**Session 7, Tuesday 30<sup>th</sup> October 1330-1430**

|          |          |    |
|----------|----------|----|
| Malaz    | Elsaddig | 20 |
| Don      | Koh      | 21 |
| Jonathan | Goodship | 22 |

**Session 8, Friday 2<sup>nd</sup> November 1230-1330**

|        |           |    |
|--------|-----------|----|
| Jameel | Mushtaq   | 23 |
| Hong   | Chen      | 24 |
| Evelyn | Thangaraj | 25 |

**Session 9, Wednesday 7<sup>th</sup> November, 0800-0900**

|          |              |    |
|----------|--------------|----|
| Denise   | Osei-Kuffour | 26 |
| Chetan   | Khatri       | 27 |
| Charison | Tay          | 28 |

Session 10, Wednesday 7<sup>th</sup> November, 0900-1000

|        |           |    |
|--------|-----------|----|
| Ankur  | Khajuria  | 29 |
| Eunsol | Kim       | 30 |
| Jenifa | Jeyakumar | 31 |