Department of Pharmacology
Confirmed Minutes of Teaching Committee meeting
held on Friday 5 December 2014 at 09.15 in the Seminar Room

Attendees: Dr Robert Henderson (RMH) – Chair, Dr Lesley MacVinish (LJM) – Secretary, Dr Ruth Murrell-Lagnado (RML), Dr Hendrik van Veen (HWvV), Jessica Dunne (JMD), Roger Atance (RA), notes – Anna Osipova (AO)

Student representatives: Susanna Xu (Part II), Louis Tapper (Part II), Tim Nye (MoDA), Catherine Tennyson (MoDA), Maria Tennyson (MoDA), Sujit Gnanakumar (MoDA)

UNRESERVED BUSINESS

1. Apologies for absence: Prof. Michael Edwardson (JME), Prof. Colin Taylor (CWT)

2. Minutes of the meeting held on 22nd September 2014: Approved

3. Matters arising from the minutes:

3.1 Part II Modularisation (TC061214.01)
In discussions at the Faculty Board about Part II modularisation, JME had volunteered to contact the British Pharmacological Society to explore accreditation prospects for the Part II course. As a result, he e-mailed BPS President in August 2014. The President replied in October 2014 supporting the current format of Part II Pharmacology course. Noted by the Committee.

3.2 Moodle and CamTools (LJM)
LJM summarised the usage of Moodle for MoDA in the current academic year. MoDA student representatives added that Moodle worked much faster than CamTools and had a more logical layout, which made website navigation a lot easier.

4. Matters to report

4.1 Faculty Board meeting(s) (RMH)

4.1.1 Modularisation issue (TC061214.02)
RMH summarised the background and essence of the current modularisation proposal for Part II. In substance, modularisation presupposed a similar Part II structure in every SBS department (4 examination papers – 20% of the final mark each and a project/BBS dissertation – 20% of the final mark). This would allow future students to choose a few subjects for their Part II rather than focus on one. However, not all Part II courses followed the 20% per paper model making modularisation problematic at the outset.

As this move would imply a lot of changes and timetabling challenges for many departments, it was admittedly unlikely to happen soon. However, current students would be asked to express their opinions in a survey in Lent Term 2015.

Part II student representatives reiterated that the general attitude to this proposal in their cohort was negative as modularisation would compromise the cohesiveness of the course (currently enhanced through additional events like Tech Talks and Tea Clubs) and impair the students’ sense of belonging.

4.2 Biological Sciences Committee meeting(s) (RMH)
RMH reported that the meeting had included minor discussions of Part II modularisation and possible changes in Part II Neuroscience (unlikely, however, to happen next year).
4.3 MVST Part I Committee meeting (LJM)
No matters to report.

4.4 NST Neuroscience Meeting (RML)
No matters to report.

5. Second MB and Second Vet MB Senior and External Examiner Reports

5.1 CRH has submitted his Senior Examiners report to the TC.
My report is very simple - It went smoothly. No queries and no post-exam appeals. The Examiners' Meeting took the form of a telecall with Eamon Kelly at 17.15 - 18.05 on Tuesday 30 September. The Student Registry put up the results and then took them down because they did not have the paper signed results sheets - so there is no point in sending the electronic versions before the paper ones are in their hands.

Medics: 21 candidates, 17 pass (76.5%), 4 fail (23.5%). Max mark: 76.62/100 Min mark: 34.47 Highest fail mark: 44.88 Pass mark 50.00.
Vets: 10 candidates, 7 pass (70%), 3 fail (30%). Max mark: 64.97/100 Min mark: 33.14 Highest fail mark: 43.64 Pass mark 50.00.

Noted by the Committee.

5.2 External Report (TC061214.03)
Noted by the Committee.

6. Student Feedback

6.1 MODA (LJM) (TC061214.04)
LJM reported that the course was generally well received, with one main issue to flag up: with regard to practicals, students would appreciate a debriefing session at the end of term to aid revision. RML responded that practicals were meant to develop the students’ observation skills rather than sharpen their focus on correct answers – therefore, debriefing could compromise the effectiveness of practicals. After a lengthy discussion, it was agreed that a few hard copies of answers to questions posed in the practicals would be made available in the Teaching Classroom on specific days at the end of term.

In addition, MoDA student representatives noted that it would be helpful to have a 5-10 minutes’ overview in the introductory lecture of the essence of the MoDA course: it would have to underline the specifics of the course and clearly separate it from clinical pharmacology and/or therapeutics.

Action: (A) LJM and RA to ensure that debriefing hard copies for practicals in MT 2014 were made available to consult in the Teaching Classroom on specified days in early LT 2015. (B) LJM to consider a 5-10 minutes’ MoDA course overview in the introductory lecture and/or in the first hand-out and/or in FAQs in Moodle.

6.2 NST IB Pharmacology (HWvV) (TC061214.05)
HWvV reported that the course was generally well received and the main issues requiring attention were (a) little information on anticancer drugs in Dr Khaled’s lectures; (b) an overlap of the Chick biventor practical run by Pharmacology and Neurobiology, and (c) exploring a possibility of saving LabTutor print screens for every stage in the practical.

Action: (A) HWvV to highlight the necessity to include more anticancer drugs in the lectures to Dr Khaled, (B) HWvV to address the issue of overlapping Chick biventor practicals, and (C) RA to put pdf LabTutor print screens up on CamTools.
6.3 Part II/BBS (CWT) (TC061214.06)
Noted by the Committee. Further to the students’ comment that Bioinformatics did not belong in the lecture course, RMH announced that in 2015-16 this subject would be introduced as a BBS minor.

7. Online feedback (TC061214.07)
Noted by the Committee.

8. AOB
None

Dates of future meetings
Friday 13th March 2015 at 9.15am
Friday 12th June 2015 at 9.15am
Department of Pharmacology  
Confirmed Minutes of Teaching Committee meeting 
held on Friday 13 March 2015 at 09.15 in the Meeting Room

Attendees: Dr Robert Henderson (RMH) – Chair, Prof. Michael Edwardson (JME), Prof. Colin Taylor (CWT), Dr Lesley MacVinish (LJM) – Secretary, Roger Atance (RA), notes – Anna Osipova (AO)

Student representatives: Susanna Xu (Part II)

UNRESERVED BUSINESS

1. Apologies for absence: Dr Ruth Murrell-Lagnado, Dr H W van Veen, Jessica Dunne

2. Minutes of the meeting held on 5th December 2014: Approved

3. Matters arising from the minutes:

3.1 MoDA practicals
LJM and RA were to ensure that debriefing hard copies for practicals were made available to consult in the Teaching Classroom. Copies had been made available. Noted by the Committee.

3.2 NST IB Pharmacology
(A) Dr van Veen was to highlight the necessity to include more anticancer drugs in the lectures to Dr Khaled, (B) Dr van Veen was to address the overlapping Chick biventor practicals, and (C) RA was to put pdf LabTutor print screens up on CamTools. Noted by the Committee.

4. Matters to report

4.1 Faculty Board meeting(s) (JME/RMH)
JME reported it seemed definite that Part II modularisation was going to take place, with the earliest possible start in October 2016. The proposed model of 36/64 implied the following split of the final mark: 36% - core knowledge, 64% = 4 optional parts*16%. The 4 parts were meant for sharing to the extent determined by the host department. To that end, Pharmacology could decide not to share any options since the centrally regulated timetabling for shared options could prove crippling to the course as whole (e.g. if the lectures were scheduled in the afternoon rather than at 10.00 and 11.00am).

It was agreed that in principle the proposed model mirrored the existing arrangements to the best degree possible: 4 options = 4 examination papers. CWT added that in the core 36% of the final mark the project could take up 20% and the remaining 16% could be covered by Paper 5 on General Pharmacology.

4.2 NST Neuroscience update
It was reiterated that Pharmacology would not participate in Part II Neuroscience from October 2015 – therefore there would be no topic and timetabling constraints for Part II Pharmacology lectures.

4.3 Biological Sciences Committee meeting(s) (RMH)
RMH reported that in order to address inadequacy in the numerical skills of students, especially statistics for Ecology, there were plans to overhaul maths teaching in NST IA (and possibly NST IB). A number of suggestions had been put forward: (a) to introduce A-level/further GCSE math as an admission prerequisite, (b) to stream students in
Michaelmas Term and merge the streams in Lent/Easter Term, (c) to ask students to study maths online in the summer after their official admission, and (d) to integrate maths teaching in NST IB either by re-allocating some lectures in the existing courses or dealing with maths during practicals. The current practice in Pharmacology was to teach maths during NST IB practicals. RMH summarised that no definitive decision was made at the Biological Sciences Committee meeting and the matter was to be considered further in Easter Term 2015.

4.4 MVST Part I Committee meeting (LJM)
LJM reported that members of the MVST Part I Committee were asked to take the PDN proposal of 2nd MB and Tripos separation (TC130315.01) to their Departmental Teaching Committees.

Among other things, the proposal advocated the enhancement of the role of essays in Tripos assessment. RMH remarked that essays were difficult to assess for they had 2 major components: content and form. Thus a brilliantly written essay could score low on content, and vice versa, a clever essay could lose points because of poor presentation. Another minus was that essay questions could be relatively easy to predict – therefore, a student could potentially do well in Tripos, but fail the factual-based MCQs in 2nd MB. If the proposed split was to take place, an outcome like this would compromise the whole system of MVST assessment.

CWT noted, however, that the proposal did contain an accurate diagnosis of the problem and RMH agreed that it could serve well in spacing 2nd MB and Tripos better.

5. Student Feedback

5.1 MODA (LJM) (TC130315.02)
Further to the students’ suggestions, it was agreed that:

- it would be very difficult to move Dr Gibson’s and Dr Jarvis’ lectures to Lent Term from Michaelmas Term;
- a few model answers to practical exam questions would be uploaded to Moodle MoDA (RMH would provide samples).

**Action:** LJM to arrange for a few model answers to practical exam questions to be uploaded to Moodle MoDA.

5.2 NST IB Pharmacology (LJM) (TC130315.03)
The course was generally well received. The main issue requiring attention was the content and architecture of Dr Belin’s lectures (which was also reflected in the online feedback).

**Action:** JME/RMH to discuss the matter with Dr Belin and suggest he sit in other NST IB lectures – among other things – in order to understand the level the material was pitched at. Dr Belin to also get feedback from his mentor and through peer reviews.

5.3 Part II/BBS (CWT) (TC130315.04)
There were no major criticisms of the course. Further to the students’ suggestions, it was agreed that:

- Dr J O’Neill should be invited to lecture in the following year;
- from 2015-16 onwards BBS class (similarly to NST) would be responsible for the allocation of dissertations to avoid rushing to sign-up with first-choice supervisor;
the Statistics class should focus less on the fine-grain detail of statistical tests and more on the selection of tests and criteria of their applicability;

the neuroanatomy background of Part II students should be strengthened.

Action: (A) Dr Gavin Jarvis to consider shortening the Statistics class and shifting its focus; (B) CWT to explore if Dr Belin needed an additional lecture to cover neuroanatomy; (C) JME/RMH/HWvV to consider implementing neuroanatomy in the new design of NST IB.

5.4 Online feedback (TC130315.05)
Noted by the Committee.

6. External Examiner 2nd MB Report (TC130315.06)
Noted by the Committee.

7. The Royal College of Veterinary Surgeons (RCVS) visit
RMH reported that the visit was taking place during the Teaching Committee meeting and was likely to end with a positive outcome.

8. AOB
None

Dates of future meetings
Wednesday 10th June 2015 at 9.15am
Monday 21st September 2015 at 9.15am
Department of Pharmacology
Unconfirmed Minutes of Teaching Committee meeting
held on Wednesday 10 June 2015 at 09.15 in the Seminar Room

Attendees: Dr Robert Henderson (RMH) – Chair, Prof. Michael Edwardson (JME), Dr Lesley MacVinish (LJM) – Secretary, Dr Hendrik van Veen (HWvV), Roger Atance (RA), notes – Anna Osipova (AO)

Student representatives: Susanna Xu (Part II BBS), Louis Tapper (Part II)

UNRESERVED BUSINESS

1. Apologies for absence: Prof. Colin Taylor (CWT)
2. Minutes of the meeting held on 13th March 2015: Approved
3. Matters arising from the minutes:
   3.1 A few model answers to practical exam questions would be uploaded to Moodle MoDA (RMH would provide samples). Noted by the Committee.
   3.2 The Statistics class should focus less on the fine-grain detail of statistical tests and more on the selection of tests and criteria of their applicability; the neuroanatomy background of Part II students should be strengthened. Actions: (A) CWT to discuss with GJ shortening the Statistics class and shifting its focus; (B) CWT to explore if Dr Belin needed an additional lecture to cover neuroanatomy; (C) JME/RMH/HWvV to consider implementing neuroanatomy in the new design of NST IB. Noted by the Committee.
4. Matters to report
   4.1 Faculty Board meeting(s) (JME/RMH)
   Regulations for Paper Sharing by Biological Science Subjects in Part II of the Natural Sciences Tripos and Reform of Part II Neuroscience (TC0615.1).
   RMH summarised the regulations as aiming to extend the choice of exam papers available to students and thus enhance the flexibility of each Part II course. However, this major change, apart from its time-consuming nature and uncertain educational value, was likely to cause a few serious complications: limiting the number of modules in a course, restricting term timetables and, importantly, rendering exam schedules almost unfeasible.
   Considering the above, a high popularity of the Part II Pharmacology course in its present form and permission for departments to reserve papers, Pharmacology would try to preserve the structure of its Part II virtually intact. The 4 existing exam papers would become reserved, i.e. compulsory (each accounting for 16% of the final mark), and the project would account for 20% of the final mark. A new 16% exam paper (open to share with other Part II courses) was to be devised, possibly with AstraZeneca to cover translational pharmacology.
   The student reps remarked that a wider choice of exam papers could be attractive to prospective Part II students. Having said that, the students agreed that Part II Pharmacology in its present format did offer a very broad range of topics, with an opportunity for each student to focus on what seemed more appealing to them. Among other strengths of the course were (a) small lecture blocks, and (b) discussion groups teaching to analyse journal articles and developing presentation skills. Tech talks were appreciated much later in the course, whereas Tea Clubs were perceived as an add-on.
4.2 Biological Sciences Committee meeting(s) (RMH)
No matters to report.

4.3 MVST Part I Committee meeting (LJM)
There had been no meeting since March 2015.

4.4 NST Neuroscience Meeting (RML)
RML was absent from the TC meeting.

5. Unconfirmed minutes of the MODA Curriculum Consultative Committee held on 14th May 2015 (RMH) (TC0615.2)

5.1 MoDA Pharmacology: Proposed Lecture List 2015/16

<table>
<thead>
<tr>
<th>Topic</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug interactions with receptors and ion channels (5 lectures)</td>
<td>Dr C R Hiley</td>
</tr>
<tr>
<td>Pharmacology of peripheral neural transmission (5 lectures)</td>
<td>Dr C R Hiley</td>
</tr>
<tr>
<td>Cardiovascular and renal pharmacology (9 lectures)</td>
<td>Dr R Henderson</td>
</tr>
<tr>
<td>Aspects of Veterinary Pharmacology (3 lectures)</td>
<td>Dr G Jarvis</td>
</tr>
<tr>
<td>Pharmacokinetics, drug metabolism and general anaesthetics (5 lectures)</td>
<td>Dr L Itzhaki</td>
</tr>
<tr>
<td>Chemotherapy and anthelmintics (6 lectures)</td>
<td>Dr H W van Veen</td>
</tr>
<tr>
<td>Pharmacology of inflammation and Immunosuppression (5 lectures)</td>
<td>Dr E Smith</td>
</tr>
</tbody>
</table>

During the CCC meeting there was an extended discussion on anthelmintic lectures and the importance of anthelmintics in medicine and veterinary medicine. It was strongly felt that medical students should have lectures in this drugs class in addition to vets. Proposal was that HwVV incorporated anthelmintics into his lecture series negating the need for vet-specific lectures. RMH was to reduce his Medic only lectures to 3 and GJ would increase his Vet only lectures to 3.

Noted by the TC Committee.

5.2 MoDA Paper I review
During the CCC meeting LJM and RMH reported on the successful meeting held with Dr Mark Gurnell (Associate Dean responsible for assessment at the CS) regarding changing the format for Paper 1 from MCQ to Single Best Answer. The proposed change was met with general approval but the consideration of the amount of work involved in generating questions was regarded as not inconsequential. Dr Gurnell had agreed to meet MoDA lecturers over the summer to look at internally generated questions. It was suggested that we investigate purchasing questions if available. Aim to introduce 2016-17.

Noted by the TC Committee.

5.3 Review of animal use in practicals and Langendorff Heart proposal
During the CCC meeting it was noted that following a series of successful meetings with Vet School representatives the Department had agreed to introduce SimHeart (http://www.virtual-physiology.com/simheart) to replace the majority of (but not all) hearts in the Langendorff practicals. Various MoDA lecturers had assessed this computer-generated simulation and it appeared to be an excellent alternative. Two hearts would remain as part of the practical so that the students had the ability to interact with the _ex vivo_ preparation.
During the TC meeting it was emphasized that SimHeart had the following important advantages: (a) it incorporated an element of randomness (to reflect biological variation) and (b) could be made available to students outside the practical (e.g. at colleges). Using the software would allow the Department to significantly reduce the number of guinea pigs utilised in practicals, and an application had been submitted to cover the software purchase from university funds.

**Action:** RMH, LJM, RA and MTH to look into using SimHeart over the summer.

### 5.4 MoDA lecture load in MVST IB
RMH noted that MoDA lectures were the lowest in number in MVST IB course. It was agreed that there were many aspects of Pharmacology which could be covered more effectively if we were able to deliver more lectures.

**Action:** RMH to write to David Good to open dialogue on extra lectures.

Noted by the TC Committee.

### 6 Unconfirmed minutes of the NST IB Curriculum Consultative Committee held on 16th May 2014 (RMH) (TC0615.3)

#### 6.1 NST IB Pharmacology: Proposed Lecture List 2015/16

<table>
<thead>
<tr>
<th>Topic</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure &amp; function of receptors (9 lectures)</td>
<td>Prof. C W Taylor</td>
</tr>
<tr>
<td>Receptor Tyrosine kinases, diabetes mellitus &amp; obesity (3 lectures)</td>
<td>Dr G Ladds</td>
</tr>
<tr>
<td>Synaptic pharmacology (4 lectures)</td>
<td>Dr E Smith</td>
</tr>
<tr>
<td>Antimicrobial &amp; antiviral drugs (6 lectures)</td>
<td>Dr H W van Veen</td>
</tr>
<tr>
<td>Anticancer drugs (3 lectures)</td>
<td>Dr W Khaled</td>
</tr>
<tr>
<td>Pharmacokinetics, drug metabolism &amp; general anaesthetics (5 lectures)</td>
<td>Dr S B Hladky</td>
</tr>
<tr>
<td>Central nervous system (7 lectures)</td>
<td>Dr D Belin</td>
</tr>
<tr>
<td>Cardiovascular and renal pharmacology (11 lectures)</td>
<td>Dr Robert Henderson and Dr M Harper</td>
</tr>
<tr>
<td>Inflammation, pain &amp; immunopharmacology (8 lectures)</td>
<td>Dr T P Fan</td>
</tr>
<tr>
<td>Drug discovery</td>
<td>Dr E Stevens</td>
</tr>
<tr>
<td>Drug discovery</td>
<td>Dr J Elvin</td>
</tr>
</tbody>
</table>

#### 6.2 Cardiovascular Lectures.
It had been originally proposed that MTH should deliver all the cardiovascular lectures but it was agreed that this would be a heavy load in his first year. After discussion it was decided that RMH would share the cardiovascular lectures for one year with a decision on future delivery of these lectures made next year.

Noted by the TC Committee.

#### 6.3 Neuroanatomy.
DB suggested, and it was agreed, that an introductory neuroanatomy lecture would benefit NatSci students who do not study Neurobiology. This was not possible with the timetable constraints but the consensus was that the issue was one which could possibly be addressed by running a practical (“wet” or dry) to cover the required material.

**Action:** LJM and DB to meet with Steve Edgley (PDN) to discuss options.

During the TC meeting it was agreed that this change needed careful elaboration, e.g.
instead of one practical the material could be introduced gradually through re-structured lectures.

6.4 Chick biventer practical. Almost identical for Pharmacology and Neuro students. Action: HWvV and LJM to discuss rewrite of the practical liaising with RFI, who had recently run the practical.

Noted by the TC Committee.

6.5 Monoclonal antibodies. Discussed in part in Inflammation lectures (TPF). WTK agreed to expand this drug class in his Cancer lectures. Noted by the TC Committee.

6.6 New lecturers were to be encouraged to attend as many Part I lectures as possible.

6.7 Drug Discovery lectures. AztraZeneca to be approached for lectures. Action: JME to investigate

During the TC meeting it was agreed that in the near future Dr Stevens and Dr Elvin should continue to deliver their lectures. AztraZeneca’s contribution was to be investigated as a long-term prospect.

7. Student Feedback from MVST IB MODA (LJM)
LJM reported on the positive written feedback from 2 students and pointed out that none of the student reps were able to attend the meeting. Since there was no MoDA teaching in Easter term, LJM suggested, and it was agreed, that we run feedback meetings in Michaelmas and Lent only from then on.

Action: MoDA feedback meetings to take place in Michaelmas and Lent only.

8. Student Feedback from NST Part IB Pharmacology (HWvV) (TC0615.4)
HWvV summarised the generally positive feedback.

Action: HWvV to remind WTK to prepare a written narrative hand-out for the anti-cancer drug lectures.

9. Online student feedback (TC0615.5)
Noted by the TC Committee.

10. AOB
None

Dates of future meetings
Monday 21st September 2015 at 9.15am
Friday 4th December 2015 at 9.15am
Department of Pharmacology
Unconfirmed Minutes of Teaching Committee meeting
held on Monday 21 September 2015 at 9.15 am in the Seminar Room

Attendees: Dr Robert Henderson (RMH) – Chair, Prof. Michael Edwardson (JME), Dr Lesley MacVinish (LJM) – Secretary, Dr Hendrik van Veen (HWvV), Jessica Dunne (JMD), Roger Atance (RA), notes – Anna Osipova (AO)

Student representatives: none

UNRESERVED BUSINESS

1. Apologies for absence: Prof. Colin Taylor (CWT)

2. Minutes of the meeting held on 10th June 2015: Approved

3. Matters arising from the minutes:

3.1 SimHeart
LJM/RA gave an update on the Langendorff practical. Going forward it would consist of 2 parts – a demonstration with 2 real hearts and the SimHeart exercise to follow. Matthew Harper had offered to train the demonstrators and lecturers in the use of the software.

3.2 MoDA timetable and lecture load
RMH to pursue an open dialogue on extra lectures with David Good.

3.3 Neuroanatomy background in NST IB
David Belin would include more neuroanatomy in his extra NST IB lecture. 
Action: JME/RMH to discuss the content of his lectures with BDB to ensure a balanced presentation of material.

3.4 NST IB Chick biventer practical
LJM reported that going forward the practical would be different for the 2 cohorts (Pharmacology and Neuro), with the description of the practical altered accordingly.

3.5 NST IB Drug Discovery lectures
With AztraZeneca’s potential future involvement to be investigated, it was decided that for 2015-16 Dr Elvin and Dr Stevens would continue as before.

3.6 Student Feedback from NST IB Pharmacology
Action: HWvV to remind WTK again to prepare a written narrative hand-out for the anti-cancer drug lectures.

3.7 MoDA lectures by Dr Jarvis (Aspects of Veterinary Pharmacology)
LJM reported that Dr Jarvis was updating the content as previously discussed.

3.8 Proposal to move Neuropharmacology from MAB/NHB to MoDA
LJM reported that the MVST Committee had agreed in principle, but required more details (e.g. course and exam timetabling) for their meeting in November 2015. Although timetable discussions with Fiona Russell were extremely slow, LJM hoped to be able to push the change through in time for its implementation in October 2016.

4. Tripos examinations

4.1 External examiners’ reports and replies
Noted by the Committee.

(TC210901)
4.2 Senior examiners’ reports
Noted by the Committee.

5. Allocation of examiners 2015-16
Agreed by the Committee with a single amendment: for 2015-16 Dr Ewan Smith to be removed from Part II examiners and to replace Dr Apergis-Schoute as the Senior Examiner for MVST IB NAB/NHB.

6. Teaching lab budget
RA reported that in 2014-15 the teaching lab expenditure had been within budget and was split as follows: animals – 46%, new equipment – 24%, consumables – 17%, drugs and chemicals – 8%, printing – 4% and other – 1%.

With new adjustments and the introduction of SimHeart in 2015-16, the animal budget was expected to decrease freeing up to circa £7000. The money could potentially be used for setting up a new practical to couple with the Neuropharmacology lectures migrating from MAB/NHB to MoDA. Alternatively, it could be invested in new equipment allowing new experiments.
Action: RA to explore potential investment options.

7. Course Handbooks 2015-16
LJM and RA reported that the handbooks would be ready on time.
Post-meeting note: the handbooks were published on dedicated Moodle websites on 24 September.

8. AQU 2014-15 Pharmacology
Noted by the Committee.
Action: LJM to fill in the form to the best of her knowledge, RMH to approve.

9. Peer review
Agreed by the Committee with the following amendments: a) RMH and LJM to swap over as reviewers for Matthew Harper and Cath Lindon; b) in addition, RMH to review David Belin’s lectures.

10. AOB
RMH brought it to the attention of the Committee that in the University Subject Tables 2016 (Pharmacology and Pharmacy) published by the Sunday Times on 20 September the University of Cambridge had taken the 1st place.
Action: AO to add the news to the Departmental website. Post-meeting note: the news was published on the website on 23 September.

Dates of future meetings
Friday 4th December 2015 at 9.15am
Friday 11th March 2016 at 9.15am
Friday 10th June 2016 at 9.15am