UNIVERSITY OF CAMBRIDGE
University Biomedical Services

Minutes

Date Wednesday, 26/01/2022
Time 1pm
To Standing Committee
At Virtual, MS Teams
Subject AWERB Standing Committee
Our Ref Doc.UBS.AWERB.26.01.22

In attendance: [redacted]

Scientists in attendance for 1a) [redacted] **and 1b)** [redacted]

Apologies:

1. Project Licences
(a) New licence: [redacted]
The committee discussed the following:

- Further justification required in the Aims section of the application.
- Further information around premedication given prior to specific procedures in the Project Harms section.
- Further detail required in regards to specific procedures planned in paragraphs 2 and 3 in the Project Harms section.
- Further information around the instruments used in regards to specific procedures planned.
- Review and revision of specific wording in paragraph 4 in the Project Harms section.
- Further information around preventative measures referenced in the Project Harms section.
- The inclusion of specific references in the Project Harms section.
- Further information around the cumulative effect of multiple procedures in the Project Harms section.
- The recommendation that the applicant considers referring to the NC3Rs and EDA tool in the Reduction section.
- Further information around how long the animals will be acclimatised to single housing ahead of the procedures in the Refinement section.
- Further updating required in the animal experience section in regards to litter mates.
- Whether scoring systems and observations can be used to monitor potential harms to the animal.
- Specific refinements included in the Refinement section.
- Further information around the dressing type used and how this reduces irritation.
- Review of publications to ensure they are relevant.
- Re-structuring required in regards to potential adverse effects and control measures for each step in Protocol 1.
- Further detail around specific procedures planned in Protocol 1.
- Further clarification required in regards to specific procedures planned in Step 1b, Protocol 1.
- Further information around the procedures that will be carried out on Step 2 of Protocol 1.

- Revision of specific steps so any potential adverse effects, control measures and humane end points can be written specifically in Step 4 of Protocol 1.
- The inclusion of routes of administration.
- Further consideration given to monitoring the animals.
- The removal of specific references in Step 5 and 6 of Protocol 1 if they are not relevant.
- Further description of procedures planned in Step 7 of Protocol 1.
- Further description of procedures planned in Step 8 of Protocol 1.
- Replacement of words used in regards to paragraph 4 in the Animal Experience section.

The committee agreed changes were needed and requested to see the final draft application before the researcher submits to the Home Office.

(b) New Licence: [redacted]

The committee discussed the following:

- Further consideration given in the introductory details.
- The review of specific language used in the Aims section of the licence.
- Review of specific wording in regards to Objective 1 in the Aims section of the licence.
- The recommendation that the applicant reviews the outputs listed to ensure they are appropriate in the Benefits section of the licence.
- Specific wording needs re-writing in paragraph 1 of the Project Harms section.
- The removal of specific wording in paragraph 1 of the Project Harms section.
- Specific terms need explaining and potentially diagrams included in paragraph 2 of the Project Harms section.
- Further information around the expected impacts and/or adverse effects for the animals during the project, included in the Project Harms section.
- The inclusion of not repeating controls as a reduction in the Reduction section.
- Further explanation in regards to what the 40% total surface area is in relation to, e.g., the medial or latitude condyle.
- Further explanation in regards to the procedures that will be carried out in Protocol 1.
- Further information around the likely adverse effects expected in Protocol 1.
- The inclusion of references to animals having the company of other animals where post-operative time periods are varied in regards to Protocol 1.
- Further information around action that would be taken in regards to specific adverse effects in Protocol 1.
- Further information around the lameness scoring system.
- Further specificity around how often animals will be weighed.
- Further explanation or an example of the pain scoring system that is referenced in the application.
- Further information in regards to specific humane endpoints.
- Clarification around whether treatment should be given for specific adverse effects or whether this should be the humane end point.
- Further information and clarification around the procedures that will carried out in Step 5 of Protocol 1.

The committee agreed changes needed to be made before a draft is submitted to the Home Office.

2. Retrospective Reviews

(a) [redacted]
The committee discussed the following:

- The recommendation that the researcher reviews and amends accordingly the numbers listed in Section 2.1.
- In Section 2.1 the total number of animals seems to have been reached in regards to Protocol 5 and almost reached in Protocol 6. The researcher needs to address this.
- The inclusion of a statement addressing the small percentage of animals that breached the severity in Protocols 5 and 6.
- The inclusion of a statement in Section 2.7 detailing or estimating how many of the 68.4% wasted animals were able to be used for other purposes and were therefore not technically wasted.
- Further clarification needed as to whether a SC18 for a specific incident should be included in regards to Section 5.2.

(b) [redacted]
The committee discussed the following:

- Consideration around severity classifications in Section 2.1.
- The totals boxes need completing in Section 2.1.
- The committee commended the researcher's ability to reduce animal numbers and supported them in decreasing the severity classification of protocols moving forward.
- Further information around allowing others to use strains of animals.

4. Minutes of the AWERB sub-standing committee 03/12/21
The minutes were discussed.

5. Minutes of the AWERB 3Rs Committee 05/01/22
The minutes were discussed.

6. Minutes of the AWERB Operations Committee 17/12/21
The minutes were discussed.

7. Matters arising from the minutes and AOB
Overseas Request: [redacted] – The committee reviewed the Overseas Request and agreed that further detail in regards to the training procedures and what the animals will experience was needed. Although they agreed this would not hold up the work they requested the researcher update the form.

Non-Regulated Procedure Request: [redacted]– The committee reviewed the Non-Regulated Procedure request and had several comments. They requested common names alongside the Latin for the species should be included. Further clarification around eggs in the incubator and monitoring was needed. Further information around how others are able to provide back-up support should also be included. The committee recommended the researcher discuss specific procedures with the NVS to determine if it is a

regulated procedure. The committee confirmed they wished to see an updated form before the researcher start any work.

Non-Regulated Procedure Request: [redacted] – The committee reviewed the Non-Regulated Procedure request and agreed that further detail around identifying genotypes was needed. They confirmed that while this would not hold up the work an updated form should be completed and returned.

Project Licence amendment (administrative change): [redacted] – The administrative change was noted by the committee.

8. List items of note
None

Date of next meeting: 23/02/2022