



Minutes

Date Wednesday, 26/05/2021

Time 1pm

To Standing Committee

At Virtually, MS Teams

Subject AWERB Standing Committee

Our Ref Doc.UBS.AWERB.26.05.21

In attendance: [REDACTED]

Scientists in attendance for 1a) [REDACTED], **1b)** [REDACTED] **& 1c)** [REDACTED]

Apologies:

Minutes: [REDACTED]

1. Project Licences

(a) New licence: [REDACTED]

The committee discussed the following:

- Due to the late submission the committee could only comment on the 3Rs, Ethics and Science content and not the licence structure or format.
- Further clarification around the species of animal planned for us.
- Further information around who will manage to work on a day-to-day basis.
- Further improvement in the planned monitoring techniques across the severe experimental protocols to ensure consistency.
- The recommendation that the applicant looks into [REDACTED] work and that of the NC3Rs in regards to rehousing male mice.
- Further adverse effects added to Protocols 6, 7 and 8, step 5 in regards to specific procedures.
- Reference to the general constraints added to the humane end points section of all protocols where surgery is mentioned.
- Further detail around the typical experience of an animal in regards to Protocols 6, 7 and 8.
- Further justification in regards to specific procedures planned in Protocol 7.
- Further explanation in regards to specific references in Protocol 8, step 3.
- The revision of text in regards to monitoring adverse effects in Protocol 8, step 6.
- Further information and justification required in Protocol 8.
- Further information around monitoring specific mice strains included in the application.
- Further information around non-regulated procedures.
- The committee recommended that the frequency of monitoring is increased for severe models.
- Further consideration given to possible refinements in regards to in-vitro assays and animal experiments.
- Further information in regards to 3Rs action that has been taken post 2013.



- Further information around the whether the use of Acoustic Tomography is considered a Refinement or offers a Reduction.
- Several typographical errors that require amending.

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

(b) New Licence: [REDACTED]

The committee discussed the following:

- The recommendation that the Non-Technical Summary is re-written to include less technical language.
- Several typographical errors that require amending.
- Further information around the humane end points in regards to Protocol 2, step 1.
- Further clarification around the weight loss given under the moderate protocol.
- Further information discussed at the meeting regarding specific procedures should be included in the application.
- Further explanation around the severity of specific protocols.
- The committee commended the applicants work on significantly reducing the number of mice they use as mentioned in the Reduction section.

The committee agreed minor changes were needed before a draft is submitted to the Home Office.

(c) New Licence: [REDACTED]

The committee discussed the following:

- Amendment of the age range of the embryo's planned for use.
- The inclusion of references to Wild Type mice where necessary.
- Consideration given to the relevance of weight loss as a humane end point in regards to Protocol 2, step 1.
- Further clarification around specific steps in Protocol 2.
- The addition of standard wording in the Animals experience section of Protocol 2.
The addition of other routes of administration for specific procedures.

The committee agreed minor changes were needed before a draft is submitted to the Home Office.

2. Retrospective Reviews

(a) None

3. Minutes of last meeting 28/04/21

Minutes were noted

4. Minutes of the AWERB sub-standing committee 07/05/21

Minutes were noted

5. Minutes of the AWERB 3Rs Committee 05/05/21

Minutes were noted

6. Minutes of the AWERB Operations Committee (date)



Minutes were noted

7. Matters arising from the minutes and AOB

The Non-Regulated Procedure Request for [REDACTED] and [REDACTED] was reviewed by the committee. They suggested that the use of food deprivation is changed to restricted access as it appears the birds are not deprived of food but rather food is available at all times. The committee also requested further information as to why the length of food deprivation was much longer than the testing time and social isolation time.

The AWERB committee considered [REDACTED] response to filming for practical classes. The committee agreed they would be interested to see the teaching material provided in the absence of the face to face teaching that occurred over the past year. The committee felt it would be useful to repeat the questionnaire in a years' time and would be interested to see the results and to see if participant numbers had increased. The committee would like consideration given to undertake a controlled experiment with half the students taught via the practical method and half using the no-practical method. There were also suggestions around looking at ways to incorporate additional emphasis on the ethics and welfare of the use of animals in research.

The Non-Regulated Procedure Request for [REDACTED] was reviewed by the committee and they requested further information in regards to the number of eggs the researcher expected to use was added into the number section of the form.

The Non-Regulated Procedure Request for [REDACTED] was reviewed and approved by the committee.

The Non-Regulated Procedure Request for [REDACTED] was reviewed and approved by the committee.

8. List items of note

Date of next meeting: 23/06/21