

Minutes

Date Wednesday, 05/11/2025

Time 9:00 AM

To Committee Members

At Virtual via MS Teams

Subject AWERB 3Rs Committee

Our Ref Doc.AWERB.3Rs.05.11.25

In attendance:

Apologies:

Minutes:

1. Minutes

Minutes from the meeting held on 01/10/25 were approved.

2. Matters arising

There were no matters arising from the minutes from the meeting held on 01/10/25.

3. Retrospective Reviews

a) [REDACTED] - Pathways of filopodial formation – RR

The committee discussed the following.

- The need for further clarification regarding any effects seen during the life of the licence in Section 2.3.
- Consideration to be given to adding additional information regarding animal re-use in Section 2.6.
- The inclusion of the number of animals re-used in Section 2.6.
- Yes or no to be answered to the question in Section 2.7.
- Yes or no to be answered to the questions in Section 2.9.
- The need for more detail regarding the procedure and how this has been a successful replacement in Section 3.1.
- Additional information about the procedure and the results needed in Section 3.2.
- The addition of information relating to tissues in Section 3.3.
- The inclusion of procedure details used in the protocol in Section 3.4.
- The inclusion of additional details regarding the techniques and model successes in Section 3.5.
- The inclusion of additional details relating to the limitations in Section 3.6.
- The changing of the answer to yes if photographic images are used to monitor animal welfare in Section 3.8.
- Further explanation needed regarding the answers and objectives in Section 4.4.
- Consideration to be given to adding Lowes disease social media interactions as a form of outreach to Section 4.9.

- b) [REDACTED] - Epigenetic inheritance and the control of developmental and physiological processes – RR

The committee discussed the following.

- The inclusion of the new PPL holder in box D in Section 1.1.
- The inclusion of Protocols 6 and 14 totals, and totals for the whole of the licence needed in Section 2.1.
- Additional information regarding the severity limits in the table in 2.1 to be added in Section 2.2.
- The inclusion of details relating to unexpected adverse effects in Section 2.3.
- The need for a SC18 to be submitted in relation to the Protocol 4 information in Section 2.3
- The review of the information in table 2.1 that appears to contradict the figures in Section 2.4.
- The inclusion of information relating to all Protocols in Section 2.5.
- The correction of the typographical error in Section 2.8.
- The inclusions of details regarding where the animals were sourced in Section 2.11.
- The need for further information regarding specific impacts on breeding and whether there were any opportunities to utilise tissues in Section 3.2.
- The inclusion of additional information and possible resources as required in Section 3.3.
- The inclusion of techniques and lines used in Section 3.4.
- The changing of the answer to yes and the moving of the explanation in Section 3.8.
- The inclusion of information relating to the findings from the objectives in Section 4.3.
- The need for additional information in Section 4.6.
- The review of the information for Protocol 4 that appears to contradict the figures in 2.12 in Section 5.1.

- c) [REDACTED] Investigation of normal hematopoietic stem cell subversion and the evolution, maintenance and targeting of hematological malignancies – RR.

The committee discussed the following.

- The committee commended the efforts made to replace and reduce animal use and the level of detail included in Section 3.1 and 3.2.
- Additional information needed in relation to the figures detailed in table 2.1 in either Section 2.3. or Section 2.2.
- The need to review the wording used in Protocols 6, 7, 8 and 9 in Section 2.4.
- The need to include information relating to animals not used in Section 2.7.
- The need to review the wording to accurately reflect the reduction of animal use in Section 3.2.
- The need to reword Section 3.6.

4. Project Licence Applications – New / Amendments

- a) [REDACTED] - Neuronal circuit mechanisms underlying cognitive memory judgements – Special Species Amendment – Protocol 3

The committee discussed the following.

- The need for further clarification regarding the reason for the severity of the procedure in the protocol details section
- The need for additional information regarding the animal's experience in step 2.
- The need for additional information regarding potential adverse effects in step 3.
- The need to review the information in step 4.
- Consideration to be given to amending the title in step 8.
- Further clarification is needed regarding the animal's experience.
- Additional information relating to the potential cumulative impacts of the procedure needed. The correction of typographical errors in the protocol justification section of.

- b) [REDACTED] - Characterisation of normal Haematopoietic Stem and Progenitor cell function to understand and target mechanisms of haematological malignancy initiation, maintenance and relapse – New Severe Severity Application – Protocol 8

The committee discussed the following.

- The need to review wording used in the Aims section of the Non-Technical Summary.
- The need to review wording used in the Benefits section of the Non-Technical Summary.
- The inclusion of additional information regarding clinical benefits in the Benefits section of the Non-Technical Summary.
- The removal of the reference to protocols in Project harms section of the Non-Technical Summary.
- The need to describe the abbreviated roles in the Project harms section of the Non-Technical Summary.
- The need for additional details regarding the impact of the severe severity protocol in the Project harms section of the Non-Technical Summary.
- The addition of adverse effect details related to blood cell transplantation to be added to the Project harms section of the Non-Technical Summary.
- The removal of the reference to [REDACTED] in the Reduction section of the Non-Technical Summary.
- The changing of the wording relating to the species in the Refinement section of the Non-Technical Summary.
- The need to review the fifth bullet point in the Refinement section of the Non-Technical Summary.
- The Animal Experience section needs to be updated in Protocols 8.
- The need for additional information regarding how weight loss will be measured in all Protocols and steps that include weight loss as a humane endpoint.
- The need to specify the expected duration of any adverse effects in step 1 of Protocol 8.
- The need review and list any potential adverse effects in step 1 of Protocol 8.
- The need to review and compare the adverse effects information detail in step 1 of Protocol 8.
- The reviewing of the monitoring timeframes for the specific procedure in step 1 of Protocol 8.
- The need for additional information regarding the potential benefits of a more consistent approach in step 1 of Protocol 8.
- The need for further information regarding potential monitoring and controls that may be needed for animals on altered diets in step 1 of Protocol 8.
- Clarification needed regarding which steps of the procedure result in severe effects in step 1 of Protocol 8.

5. NIO Reports

On 27th November [REDACTED] and [REDACTED] are holding an In-Vivo symposium. This is for those employed by UoC only. If anyone is aware of any academics, junior technicians or Named People that would like to present a 10-15 minute talk about their work the deadline date is 10th November to submit entries here [Abstract Submission Form for the Symposium](#). The annual LASA meeting will be held from 17th to 19th November in the West Midlands. Click here to register: [LASA](#). The Animal Technician Conference 2025 titled, Seizing Opportunities, Enhancing Careers will be held at [REDACTED] on Tuesday 9th December, register for Free here: [ATC](#). The SC18 report was discussed and there is nothing out of the ordinary to report.

6. Minutes of the AOC meeting - 19/09/25

7. Minutes of the AWERB Standing meeting - 27/08/25

8. Any Other Business

Date of next meeting: 03/12/25