



Minutes

Date Wednesday, 27/08/2025

Time 1pm

To Standing Committee

At Virtual, MS Teams

Subject AWERB Standing Committee

Our Ref Doc.UBS.AWERB.27.08.25

In attendance: [REDACTED]

Scientists in attendance for 1a) N/A, 1b) N/A, 1c) N/A, 1d) N/A & 1e) [REDACTED]

Apologies: [REDACTED]

Minutes: [REDACTED]

1. Project Licences

(a) Amendment:

The committee discussed the following:

- Further review of specific sentences to improve readability in the Reduction section of the Non-Technical Summary.

The committee agreed minor changes were needed before the amendment could be submitted to the Home Office.

(b) Amendment:

The committee discussed the following:

- The inclusion of definitions for specific words used in the Benefits section of the Non-Technical Summary.
- The removal of references to the steps and protocols in the Benefits section of the Non-Technical Summary.
- The inclusion of the full name for any acronyms the first time they are used in the Project Harms section of the Non-Technical Summary.
- The inclusion of specific adverse effects in the Project Harms section of the Non-Technical Summary.
- The removal of specific paragraphs in the Project Harms section of the Non-Technical Summary.
- The removal of specific sentences from the Reduction section of the Non-Technical Summary.
- Further clarity required regarding specific procedures planned in the Reduction section of the Non-Technical Summary.
- Consideration given to potential earlier humane endpoints a be included in step 7 of Protocol 1.
- The inclusion of references to a post procedure check in step 14 of Protocol 14.
- The inclusion of specific wording in step 14 of Protocol 4.
- Further clarification required regarding specific adverse effects in step 4 of Protocol 14.



- Further clarification regarding specific wording in step 5 of Protocol 7.
- The inclusion of a timeframe for specific humane endpoints listed in step 5 of Protocol 7.
- The inclusion of specific sentences in the Animal Experience section of Protocol 7.
- The removal of specific sentences in step 4 of Protocol 11.

The committee agreed changes were needed before the amendment could be submitted to the Home Office.

(c) Amendment: [REDACTED] was also in attendance)

The committee discussed the following:

- Further review of the information to ensure it is not too restrictive in step 2 of Protocol 14.
- Further clarity required regarding the humane endpoints listed in step 2 of Protocol 14.
- The inclusion of a timeframe for specific humane endpoints in step 2 of Protocol 14.
- Further clarity required regarding specific humane endpoints in the Animal Experience section of the Protocol 14.

The committee agreed changes were needed before the amendment could be submitted to the Home Office.

(d) New Licence: [REDACTED]

The committee discussed the following:

- The recommendation that the researcher gives the application a thorough review checking for spelling and typographical errors.
- Further explanation required in the Non-Technical Summary regarding specific procedures planned.
- Further explanation regarding the establishment required in the Refinement section of the Non-Technical Summary.
- Further review of the adverse effects listed in step 1 of Protocol 6.
- Consideration given to the inclusion of specific anaesthetic codes in step 2 of Protocol 6.
- Consideration given to the inclusion of specific anaesthetic codes in step 5 of Protocol 6.
- Further review of the humane endpoints listed in the Genetically altered animals' section of Protocol 6.

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

(e) New Licence: [REDACTED] was also in attendance)

The committee discussed the following:

- Further review of the Non-Technical Summary to improve readability for the lay person.
- The inclusion of the benefit to the UK in terms of cost as discussed in the applicant's presentation in the Benefits section of the Non-Technical Summary.
- The removal of specific sentences from the Benefits section of the Non-Technical Summary.
- Further review of all sections of the Project Harms section of the Non-Technical Summary to ensure they accurately reflect the life stages detailed in the protocols.
- The inclusion of specific sentences in the Project Harms section of the Non-Technical Summary.
- The inclusion of references to specific animals in the Project Harms section of the Non-Technical Summary.
- Further review of specific sentences to improve the readability for the lay person in the Project Harms section of the Non-Technical Summary.
- Further information required in the Project Harms section of the Non-Technical Summary.



- The inclusion of an explanation for any abbreviations the first time they are used in the Project Harms section of the Non-Technical Summary.
 - Consideration given to whether there is any additional information that can be included around monitoring in the Project Harms section of the Non-Technical Summary.
 - Further clarity required regarding specific models in the Project Harms section and additional detail in the Refinement section in the Non-Technical Summary.
 - Consideration given to the inclusion of specific references in the Replacement section of the Non-Technical Summary.
 - The removal of specific words in the Replacement section of the Non-Technical Summary.
 - The inclusion of additional information to provide clarification in the Reduction section of the Non-Technical Summary.
 - Further review of the wording in the Refinement section of the Non-Technical Summary.
 - The removal of specific references in the Action Plan in the Scientific Background.
 - Amendment of the title of Protocol 5.
 - Further review of the answer given regarding step 1 of Protocol 5 and further information around how adverse effects will be monitored and controlled.
 - Amendment of specific words in the Animal Experience section of Protocol 5.
 - Further explanation required in the Animal Experience section of Protocol 5.
 - The inclusion of specific anaesthetic codes in the appropriate steps of Protocol 6.
 - The inclusion of specific examples in step 5 of Protocol 6.
 - Further review of the number of specific procedures planned in step 5 of Protocol 6.
 - The removal of specific wording in step 1 of Protocol 7.
 - Consideration given to an increase in monitoring in step 1 of Protocol 7.
 - The inclusion of criteria animals must meet before undergoing specific procedures in step 2 of Protocol 7.
 - Further clarification required in step 2 of Protocol 7.
 - Further consideration regarding specific procedures required and if appropriate the inclusion of further justification in step 9 of Protocol 7.
 - Further consideration required for the answers given in step 10 of Protocol 7.
 - The removal of specific wording in the Protocol Justification section of Protocol 8.
 - The inclusion of a worst-case scenario in the Animal Experience section of Protocol 10.
 - The inclusion of specific anaesthetic codes if appropriate in step 7 of Protocol 12.
- The committee agreed changes were needed before a draft could be submitted to the Home Office.

2. Retrospective Reviews

(a) [REDACTED]

The committee discussed the following:

- The inclusion of a sentence to explain why the answer has been broken down by year rather than protocol in Section 2.4.
- Further information required regarding why specific animals were not used in Section 2.5.
- Further clarity regarding specific animal numbers in Section 2.7.
- Further explanation required in Section 3.7.

3. Minutes of last meeting 23/07/25



The committee approved the minutes from the previous meeting.

4. Minutes of the AWERB Sub-Standing committee 09/07/25

The minutes were noted.

5. Minutes of the AWERB Non-Reg Committee Meeting 20/06/25

The minutes were noted.

6. Minutes of the AWERB 3Rs Committee 02/07/25

The minutes were noted.

7. Minutes of the AWERB Operations Committee 18/07/25 & 20/06/25

The minutes were noted.

8. Matters arising from the minutes and AOB

Non-Regulated Procedure request [REDACTED]

The committee discussed the following:

- The committee offered to put the researcher in touch with specific animal sources if appropriate.
- Further consideration given to specific techniques.

The committee reviewed the Non-Regulated request and confirmed changes were needed before it could receive ethical approval.

9. List items of note

None

Date of next meeting: 24/09/2025