



Minutes

Date Wednesday, 15/04/2026

Time 10:30 AM

To Sub-Standing Committee

At Virtual, MS Teams

Subject AWERB Standing Committee

Our Ref Doc.UBS.AWERB.15.04.26

Present:

Scientists in attendance for 1a)

Apologies:

Minutes:

1. Project Licences

a) New:

The committee discussed the following:

- Further clarity regarding who is benefiting as well as some examples in the Benefits section of the Non-Technical Summary.
- Re-wording of the last paragraph in the Project Harms section of the Non-Technical Summary required.
- Further justification required for the need to use animals in the Replacement section of the Non-Technical Summary.
- The inclusion of computational learning as mentioned during the AWERB presentation in the Replacement section of the Non-Technical Summary.
- Further information regarding how the number of animals has been reached in the Reduction section of the Non-Technical Summary.
- Consideration given to whether there are any further refinements for the models being used in the Refinement section of the Non-Technical Summary.
- Further review and information required in the Scientific Background section of the Project Plan.
- The inclusion of any new knowledge that will be gained as well as an explanation for all the objectives listed in the Scientific Background section of the Project Plan.
- Further information regarding the problems with current therapies in the Scientific background section of the Project Plan.
- The inclusion of the words 'non-standard' to the title in Protocols 4 and 5.
- Consideration given to answering the question in the Experimental design section in Protocol 4 as 'Yes' and providing further information in the relevant sections.
- Further review of the percentages given in the Genetically altered animals section of Protocol 5.
- Further review of the Animal experience section of Protocol 5 to ensure it correlates with the age limit given in the Animals used in this protocol section.



- The inclusion of the answer 'Yes' as well as specific adverse effects in step 1 of Protocol 6.
- Amendment of specific volumes in step 2 of Protocol 6.
- Consideration given to answering the question with 'Yes' and providing adverse effects for different diets in step 4 of Protocol 6.
- The inclusion of specific wording in step 6 of Protocols 6, 7 and 8.
- The inclusion of specific endpoints in step 8 of Protocol 6.
- Re-ordering of step 21 in Protocols 6 and 7.
- The inclusion of the dosing information in a table format in the Protocol justification section of Protocol 6.
- Consideration given to whether specific percentages should be increased in the Protocol details of Protocol 7.
- Consideration given to answering the question in step 3 of Protocol 7 as 'Yes' and providing adverse effects for the different modified diets.
- Consideration given to a longer timeframe between specific procedures in step 6 of Protocol 7.
- The inclusion of specific adverse effects in step 6 of Protocol 7.
- Further information regarding specific adverse effects, the monitoring and humane endpoints in step 6 of Protocol 7.
- Further review of the percentages to ensure they correlate with the protocol details sections in step 6 of Protocol 7.
- Further information regarding the increase in monitoring for specific adverse effects in step 6 of Protocol 7.
- Consideration given to whether animals can be kept in specific housing as standard in Protocol 7.
- Further information around the clinical signs and humane endpoints that trigger the use of specific scoring systems in step 6 of Protocol 7.
- Further updating of the humane endpoints in step 8 of Protocol 7.
- The inclusion of specific wording in step 12 of Protocol 7.
- Consideration given to a lower score in step 12 of Protocol 7.
- The inclusion of specific timepoints in step 12 of Protocol 7.
- The inclusion of more frequent monitoring for specific animals in step 19 of Protocol 7.
- Further review and the inclusion of diagrams for the scenarios listed in the Animal experience section of Protocol 7.
- Further consideration for humane endpoints that would relate to cumulative severity for multiple steps as well as information regarding how specific adverse effects will be managed in the Animal experience section of Protocol 7.
- Further information regarding why specific endpoints are needed in the Protocol justification section.
- Re-wording of specific sections in step 7 of Protocol 8.
- Further information required in step 7 of Protocol 8.
- The inclusion of specific adverse effects and the associated humane endpoint in step 8 of Protocol 8.

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

b) New: [REDACTED] was also in attendance)

The committee discussed the following:

- Further explanation required for the use of specific animals in the Project harms section of the Non-Technical Summary.



- The inclusion of the use of specific refinements that were mentioned during the researchers' AWERB presentation in the Refinements section of the Non-Technical Summary.
- Further information regarding where specific data generated has come from in the General principles section of the Project Plan.
- The inclusion of a list of general humane endpoints in the Animal experience section of Protocol 1.
- The inclusion of the dosing routes and the volumes table in the Protocol justification section of Protocol 1.
- Amendment of the Protocol details section of Protocol 2 to reflect that a hundred percent of animals will experience mild severity due to specific mandatory steps.
- Further consideration for specific animals in step 1 of Protocol 2 and throughout the application where appropriate.
- Consideration for including the anaesthetic code for specific routes in step 2 of Protocol 2 and other steps throughout the application where appropriate.
- Consideration for the inclusion of specific adverse effects in step 2 of Protocol 3.
- Further review of step 2 of Protocol 3 and step 3 of Protocol 4.
- Consideration for the inclusion of specific adverse effects in step 1 of Protocol 4.
- Consideration for the inclusion of specific wording in step 2 of Protocol 4 and throughout the application where appropriate.

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

c) Amendment: [REDACTED]

The committee discussed the following:

- The inclusion of a specific timeframe for the monitoring in step 2 of Protocol 4, step 1 of Protocol 5 and step 2 of Protocol 6.
- The inclusion of specific details in step 2 of Protocol 4, step 1 of Protocol 5 and step 2 of Protocol 6.

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

2. Minutes of the last meeting 11/02/26 & 11/03/26

The committee approved the minutes.

3. Retrospective Assessments [RA]

a) [REDACTED]

The committee discussed the following:

- The inclusion of the answer 'Yes' in Section 2.7.
- Further justification required regarding specific animal strains in Section 2.7.
- The inclusion of an explanation for specific words used in Section 3.1.
- Further details required in Section 3.6.
- The committee praised the refinements described in Section 3.7.
- Further consideration given to specific control measures and whether the answer should be changed to 'Yes' in Section 3.8.
- Amendment of the answers given in Section 3.10 to 'No' as well as further explanation regarding specific methods.



4. Retrospective Reviews [RR]

a) [REDACTED]

The committee discussed the following:

- The inclusion of definitions for any acronyms the first time they are used.
- Further information regarding Protocol 2 in Section 2.2.
- Further details regarding lower-than-expected severity under Protocol 5 in Section 2.2.
- Further details regarding the temperature range in Section 2.10.
- Amendment of the tense used in Section 3.2 as well as the inclusion of the actual numbers reduced.
- Amendment of the final section of the first sentence in Section 3.3.
- The inclusion of further detail and context in Section 3.7.
- Consideration for the removal or revising of specific statements in Section 4.6.
- Further information required regarding specific animals in Section 5.3.

5. Any other business

None

6. Date of next meeting: 13/05/2026