In attendance:

Scientists in attendance for 1a) , 1b) and 1c)

Apologies:

1. Project Licences
   (a) New licence: 
   The committee discussed the following:
   • Further information around the expertise of the research group included in the Expertise and other resources box.
   • Further information in regards to computer modelling added to the Part D: Benefits section.
   • Further information in regards to methodology, pilot studies and how the work will be started in the Part D: Project Plan.
   • Further explanation required in regards to specific procedures planned in the Part D: Project Plan.
   • Potential refinements added to the Part D: Project Plan in regards to specific procedures planned.
   • The recommendation that pilot studies are carried out prior to specific procedures being undertaken.
   • Further clarification to the adverse effects section of Protocol 8 in the Part D: Project Plan.
   • Information around the use of controls in the Protocols.
   • Further information added to the adverse effects sections in regards to specific procedures planned.
   • Further clarification around animal numbers.
   • Further information around the frequency of specific procedures planned in Protocol 8.
   • The recommendation that the information around adverse effects in Protocol 9 is updated so that it matches the information given in Protocol 8.
   The committee agreed changes should be made before a draft is submitted to the Home Office.

   (b) New licence: 
   The committee discussed the following:
   • Further information added to the Reduction section in regards to previously collected data and how this will be used.
   • Further information around the use of pilot studies and randomisation included in the Reduction section.
• Further information around monitoring and reducing animal breeding when not needed included in the Reduction section.
• Husbandry concerns and how they will be addressed in the Refinement section
• The use of other facilities included in the Part D: Project Plan.
• Further information around devices planned for use in the Part D: Project Plan.
• Further information around the duration of specific procedures planned in the Part D: Project Plan.
• Further information around the administration of substances in the Part D: Project Plan.
• Further explanation around specific procedures planned in the Part D: Project Plan.
• Further clarification required in Protocol 2 step 1.
• The recommendation that the language used in the Non-technical Summary is reviewed.
• Several typographical errors require amending.

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

(c) New Licence: [Redacted]
The committee discussed the following:
• Further information included in the Part D: Project Plan.
• Further clarity in regards to models which could be used in the Part D: Project Plan.
• Frequencies of specific tests planned added to the Part D: Project Plan.
• Further explanation added to Protocol 2 in regards to adverse effects.
• Consideration and further clarity given to refinements, clinical signs and end points in regards to the administration of substances in Protocol 2.
• Further information around administration of substances in Protocol 3.
• Additional information included in the adverse effects section in Protocol 3.
• The recommendation that further thought is given to Appendix 1 in regards to end points, clinical signs and severity limits.
• Reviewing and rewriting of the Non-technical Summary.

The committee agreed changes should be made before a draft was submitted to the Home Office

(d) Amendment: [Redacted] (Unable to attend)
The committee discussed the following:
• Text update required in the Part D: Project Plan.
• Further information around monitoring procedures to be updated in the Reduction section. Clarification required in regards to the administration of substances in the Part D: Project Plan.
• Amendment of text on page 24.
• Rewording required in regards to specific adverse effects expected.
• Further information around adverse effects added to the adverse effects sections of the protocols.
• Query around expected adverse effects in reference to certain procedures planned.
• Further information around the amendment in the Non-Technical Summary.

The committee requested [Redacted] attend an AWERB committee meeting to answer the committees questions.

2. Retrospective Reviews
(a) [Redacted]
The committee discussed the following:
• The AWERB 3Rs committee comments where this Retrospective Review has already been discussed.
• The animal numbers and previous amendments to increase these.

3. Minutes of last meeting 27/03/19
The minutes were approved.

4. Minutes of the AWERB sub-standing committee 08/03/19
The minutes were noted.

5. Minutes of the AWERB 3Rs Committee 03/04/19
The minutes were not available.

6. Matters arising from the minutes and AOB
None

7. List items of note

Date of next meeting: 29/05/19