Minutes

Date       Wednesday, 02/02/2022
Time       9:00 AM
To         Committee Members
At         Virtual via Microsoft Teams
Subject    AWERB 3Rs Committee

In Attendance:

Apologies:

Minutes -

1. Minutes
   The previous minutes were approved

2. Matters Arising
   It was agreed that 3Rs meetings would now take place in person every quarter. The first meeting
   being 2nd March 2022 in

3. Retrospective Reviews
   The committee discussed the following:
   
   • - Understanding brain and behaviour during neurological dysfunction in sheep
     Section 1. In the table about the reasons triggering this retrospective review, The answer needs
     to be changed to box ‘A’
     Section 2.2/2.3. The committee noted that no animals were used for regulated procedures. The
     committee recommended that a statement be added in these sections stating the licence was
     not used and animals have been either killed or rehomed.
     Section 3.1, 3.2, 3.3, 3.4. The committee felt it would be more appropriate to respond N/A (for
     not applicable) as no experiments were performed

   • Development of Bacteriotherapies to Treat Intestinal Dysbiosis
     Section 3.2, 3.3.
     Section (2.5) The number of animals were able to be reduced. Further information of how this
     was done is needed
     Section 3.7. The committee noted the refinement regarding the management of germ-free
     animals and suggested this information could be internally disseminated to other users.
     Section 3.8. Finer detail needed about monitoring systems should be added as this could
     potentially be very beneficial for other research groups using similar models
4. Retrospective assessment
   • Refinement Section: More information needed about the gaseous anaesthesia and how this has refined the experience for the animals.

5. Severe Severity

6. Severe Severity licence reviews

7. Standard condition 18 reports

8. 3Rs information/reports
   - EAE paper – reviewed by [Name]. Discussed amongst the committee
   - *NC3Rs document – ‘Developing and Implementing an Institutional 3Rs Strategy’ – (further discussion?)
   - ‘3Rs Blackboard: A Platform for Animal and Organ Sharing’ – Update given by [Name]. System appears to be working well after initial teething problems
   - *Two papers included in the recent 3 minute 3Rs podcast - ‘Screening of Anaesthetics in Adult Zebrafish for Induction of Euthanasia by Overdose’ and ‘Voluntary Oral Ingestion of a Sedative Prior to Euthanasia with CO2: Behavioural Responses of Mice’. [Name] asked for the committee’s views on a podcast being developed focusing on these subjects. [Name] feels this would be a good idea and thinks researchers would be willing to engage.
   - *Recent NC3Rs funded research carried out by The Rosalind Institute ‘Stem cell-derived porcine macrophages as new platform for studying host-pathogen interactions’
   - RSPCA Fish skin swabbing poster and resource sheet. [Name] asked if this is a technique that is practiced by researchers. [Name] reported that this information has been disseminated to the facilities over time but is unsure how many people use this technique.

9. Highlights of AWERB Standing meeting*

10. Highlights of January AOC meeting*

11. Any Other Business
    Saphenous vein blood sampling poster – [Name] gave an update on changes made to the poster and asked for the committee’s final comments before this is issued for use in facilities. [Name] suggested some further edits are needed and then for it to go through AWERB for more comments.

12. For information only

   Date of next meeting:
   Wednesday 2nd March 2022 in [Location]

*Items for information only unless un-starred by committee member