



Minutes

Date Wednesday, 03/11/2021

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

3. Retrospective Reviews

The committee discussed the following:

- [REDACTED] - Understanding gene – environment interaction in inflammatory bowel disease
- 2.1 – Numbers in this table need to be reviewed as the statement in section 2.5 is incorrect – mice were not rederived into AMB on a UBS-held service licence but were done so on researchers' own licences. ROP for that year also need to be reviewed.
- 2.1 – Protocol 5 has breached, and Protocol 6 is about to breach the total number of animals for those protocols.
- 2.3 –Section states that no unexpected adverse effects were seen. In protocols 5 and 6 (mild and moderate breeding protocols) there were animals breaching the severity. A statement needed in the Retrospective Review addressing whether there was a phenotype, strain, or any other relationship between these animals.
- 2.7 – The committee was very impressed to read of the 3Rs achievements. A statement needs be added to the second box detailing how many of the 68.4% wasted animals were able to be used for other purposes, and therefore not wasted.
- 3 –Committee very happy with the 3Rs achievements, publications and outreach achieved by the group over the tenure of this licence. A review of the statement in 3.11 needed.
- 5.2 – Was a SC18 concerning the death of a mouse in a restrained to be included here?
- [REDACTED] - Understanding pathogen behaviour in relation to the immunity, vaccines and antibiotic treatment



- 2.1 –Severity classifications of these animals needs to be reconsidered. Protocol 5 involves the mice to receive an injection. Injections cannot be considered as being a less than mild experience. Review the other protocols too.
- 2.1 – Complete the relevant “Totals” boxes in this table.
- 2.1 – The committee commend the reduced numbers and support the decreasing of the severity classification.
- 2.9 – Is there anything more that can be done do to allow others to use the strains, other than using MCMS.

4. Amendments

5. Severe Severity

Severe severity review process update – Discussed. All agreed for this process to begin.

6. Severe Severity licence reviews

7. Standard condition 18 reports

Investigation in to reported restrainer deaths on-going - Meeting arranged for November and a large group staff with various experiences will be in attendance. [REDACTED] made the committee aware of a SC18 report he has submitted for some mice that died during an MRI scan at [REDACTED]. An investigation is on going.

8. 3Rs information/reports

Cambridge Festival update from [REDACTED].

UBS planning to take part in the family weekend, which will take part on the 2nd & 3rd April 2022 at the Guildhall Cambridge. Some technicians have volunteered to help on the days and some assistance from some researchers would be greatly appreciated. If researchers are not able to be present on the day could they record a video presentation that can be played?

9. Highlights of AWERB Standing meeting*

10. Highlights of January AOC meeting*

11. Any Other Business

- Update from AW on NC3Rs Researcher 3Rs Self-Assessment tool – On going. The process is proving to be rather complicated but the assessment been submitted but is not very intuitive and needs some work.
- Guide to vehicles database <https://www.gadconsulting.com/wp-content/uploads/2016/02/gad-vehicles-database.pdf> Is there any information within this document worth disseminating? [REDACTED]) – Discussed where it would be best to file this on the UBS website
- Single use of needles guide final [REDACTED] – To be circulated by email for comments and suggestions.

12. For information only

- In vitro replacement paper



[An in vitro model for the cultivation of... | F1000Research](#)

For highlighting to the AWERB 3Rs Committee's attention:

"Our experimentally-tractable model enables the systematic study of planktonic and biofilm communities under conditions that are nutritionally reminiscent of the CF airway microenvironment, something not possible using any existing *in vivo* models of CF airway infection."

██████████ at al. - Department of Biochemistry, University of Cambridge.

- NC3Rs evaluating environmental enrichment tool. This will be promoted at the next colony management meeting. [Evaluating environmental enrichment | NC3Rs](#)

Date of next meeting:

Wednesday 1st December 2021

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