



Minutes

Date Wednesday, 02/11/2022

Time 9:00 AM

To Committee Members

At MS Teams

Subject AWERB 3Rs Committee

AWERB 3Rs Committee: [REDACTED]

In Attendance: [REDACTED]

Apologies: [REDACTED]

Minutes – [REDACTED]

1. Minutes

Minutes from the meeting held on 5th October were approved

2. Matters Arising

None

3. Retrospective Reviews

The committee discussed the following:

[REDACTED] - Maternal and neonatal immunity to virus infections

- Section 2.1 why were the animals returned lower than the expected.
- Severity be included in section 2.2.
- No adverse events recorded in section 2.3. SC18 details to be added in section 2.3.
- Very little detail in the 3Rs section. This needs to be reviewed.
- Further details regarding the outcome of the SC18 needs to be included in section 5. The SC18 report containing the inspector comments needs to be included with the retrospective review.

[REDACTED] - Mechanisms controlling cell division, fate and differentiation in the frog embryo

- Section 2.4 One animal found dead. SC18 report with inspector comments needed to be included with the Retrospective Review.
- The committee commended the use of the egg sharing system described in sections 3.2 and 3.3.
- Can the facility staff photos used to monitor the health and condition of the frogs, be included in section 3.8.
- Are the posters produced by the NACWO relating to the frogs relevant to section 4.8?

[REDACTED] - The molecular pathology of axonal degeneration



- In section 2.1 further information about the severity classifications in protocol 5 to be included in section 2.2.
- Section 2.4 any SC18 reports associated with the animals found dead to be included with the Retrospective Review.
- The committee commend the use of [REDACTED] to archive embryos as documented in section 2.9.
- The committee also commend the replacement achieved through the span of this project.

4. Amendments

5. Severe Severity

6. Severe Severity licence reviews

7. Standard condition 18 reports

13 new 18 reports submitted since last AWERB 3Rs meeting. [REDACTED] informed the committee of a researcher at [REDACTED] who has developed a way of restraining the rats in the cage to minimise handling to be able to take a blood sample. Further information about this technique is going to be gathered and disseminated throughout the University.

[REDACTED] – restrainer death – isolated event, reported by [REDACTED]. During post mortem, this animal was found to have a lot of air in the intestines. This could not be seen externally but it was thought that when the animal was put in the restrainer it caused the air to push the diaphragm in to the lungs. To minimise future incidents holes are going to be drilled in to the restrainer to see if this helps. [REDACTED] will update the committee of the progress of this.

8. 3Rs information/reports

*Papers of interest/informative documents – Circulated with the meeting documents

[REDACTED] updated the committee on the FRAME's "Impetus Project Report", A survey was sent out by FRAME to experts within the industry asking them about realistic replacements for animal use in research. Paper featured on NC3Rs "Refinements to rodent head fixation and fluid/food control for neuroscience. Systematic Review article "Bored at home – A systematic review on effect of environmental enrichment on the welfare of laboratory rats and mice.

[REDACTED] will send this information out to the 3Rs enquiry list and add this to the [REDACTED] website.

9. Highlights of AWERB Standing meeting*

10. Highlights of AOC meeting*

11. Any Other Business

IV Injection Training Poster: [REDACTED] updated the committee on the poster feedback. [REDACTED] is going to engage with the [REDACTED] community regarding the feedback received and [REDACTED] to initiate creation of specific guidance and bring the poster back to another meeting. Communications to be circulated to staff to keep them updated on what is happening as some are waiting to use the training poster.

12. For information only

Date of next meeting: Wednesday 7th December 2022



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