



## Minutes

**Date** Wednesday, 07/12/2022

**Time** 9:00 AM

**To** Committee Members

**At** Virtual via Microsoft Teams

**Subject** AWERB 3Rs Committee

**AWERB 3Rs Committee:** [REDACTED]

**In Attendance:** [REDACTED]

**Apologies:** [REDACTED]

**Minutes –** [REDACTED]

### 1. Minutes

Previous minutes approved

### 2. Matters Arising

Nothing to discuss

### 3. Retrospective Reviews

The committee discussed the following:

- [REDACTED] - Investigation of the genetic drivers and therapeutic vulnerabilities of myeloid leukaemia and related cancers
- Protocol 2, section 2.1 protocol severity category is mild but animals experienced moderate severity. further details needed in section 2.2 to explain this
- Section 2.2 It is stated that over 99% of animals experienced severity expected. The numbers in section 2.1 the percentage is lower. This needs to be amended
- Section 2.2 protocol 5 the word 'could' needs to be replaced for 'could not'
- Section 2.5 was answered yes. Further information needed about the variations in numbers used compared to the estimated numbers.
- Section 2.7 Answered as no. This needs to be reviewed
- Section 2.8 – 'raid' needs to be changed to 'rapid'.
- Section 3.6 further details needed on how the side effects were overcome



██████████ - Mitochondrial diseases: pathogenesis and therapy

- The committee commended the completion of this retrospective review.
- Section 2.1 protocol 11 needs to be added
- Section 2.5 How were the culled animals recorded in the table in section 2.1
- Section 3.8 further clarification on the scoring system used to monitor the neonates

#### 4. Amendments

None

#### 5. Severe Severity Project licence Applications

██████████ Molecular mechanisms of tolerance and immunosuppression  
In the Reduction section the committee noted that the number of mice to be used is very high.

- Further justification needed for the amount of animals needed.
- Protocol 15 the weight loss limit is 30%. Can a Body Condition Scoring (BCS) be used alongside the weight loss to ensure animals are not suffering more than necessary.
- Step 2 of protocol 15 needs to be reworded and consideration given to reducing the period of time.
- Following the 30% weight loss in step 2 of protocol 15 there is then 15% weight loss mentioned in step 3. how do these weight loss endpoints interact and how they will be monitored.
- In the fate of animals section of protocol 15 answer needs to be changed to no
- Further details needed in the Animal Experience section of protocol 15
- Protocol 15 needs to be reworded to reflect the moderate severity disease reference.
- There are a lot of added notes and copying and pasting of steps between protocols. The whole licence application needs to be checked.

#### 6. Severe Severity licence reviews

#### 7. Standard condition 18 reports

\*20 new SC 18 reports submitted since last AWERB 3Rs meeting – [nothing to discuss]

#### 8. 3Rs information/reports

- ██████████ to update on **NC3Rs Self - Assessment Tool (SAT)** – Research Institution Tool - Final report (see attached PDF).  
There has been monthly 3Rs strategy meetings and these have been held to discuss ways a 3Rs strategy can be further implemented in to UBS. The self-assessment tool provided by NC3Rs has faced a few issues but the team have done the best they can and overall the scores have been fair. After the last meeting it was agreed a 3Rs policy is going to be put in place and the current animal welfare policy will be updated.
- **Development of a standardised template welfare scale/scoring system to be used across facilities.** ██████████ asked for suggestions to help make a standard template to disseminate to facilities and which can then be tweaked in house to make it more personalised to each individual facility. ██████████ goes on maternity leave in 2 weeks so this will be handed over to ██████████
- **\*Papers of interest/informative documents (attached)** – ‘Systematic review for assessing post-surgical pain in mice and rats.’ ‘Generalizability Robustness Replicability when evaluating wellbeing of mice.’
- **\*Paper of Interest** - Refinement of the stress-enhanced fear learning model of post-traumatic stress disorder: a behavioural and molecular analysis



**9. Highlights of AWERB Standing meeting\***

**10. Highlights of January AOC meeting\***

**11. Any Other Business**

IV Injection training poster with feedback – [REDACTED] asked for comments on the feedback received for the poster. It was agreed [REDACTED] would send an email to the whole committee giving a deadline to send comments back by. Once this dead line has passed any changes needed will be made it will then be signed off and circulated.

**12. For information only**

**Date of next meeting:** Wednesday 4<sup>th</sup> January via MS Teams

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