Date       Wednesday, 07/09/2022
Time       9:00 AM
To          Committee Members
At          Virtual via Microsoft Teams
Subject     AWERB 3Rs Committee

AWERB 3Rs Committee:

In Attendance:

Apologies:

Minutes –

1. Minutes
Minutes from the meeting held on 3rd August 2022 were approved with 1 minor change

2. Matters Arising
None

3. Retrospective Reviews
The committee discussed the following:

- Pattern recognition receptors against pathogens
  - Clarification of information in the section 2.1 table
  - Further information about animals being killed in section 2.4
  - Committee praised animal reduction in section 3.2. Has any of this information been shared?

- Brain mechanisms underlying cognition and emotion
  - The detail in the RR was commended
  - Where have the reused animals in section 2.6 been recorded?
  - The committee encourages the publishing of the details of refinements in section 3.7 and commended the refinements that have taken place

4. Amendments

- Tuberculosis pathogenesis & treatment in zebrafish and medaka
- Further detail needed in protocol 1
- Clarification needed for the injection volume
- Are there any new adverse effects relating to the foreign body granulomas
- Protocol 5 would housing the fish in smaller shoals reduce the incidents of chasing?

• **Ageing and therapy in mouse models for neurodegenerative diseases**
  - The numbers need to be rounded in the pricing
  - There is a big jump in numbers
  - Further information about what is being done to ensure there is no future confusion with heterozygote and homozygote
  - Needs to be made clearer the project is a collaboration

• **Characterisation of vaccine candidates against viral diseases.**
  - Further detail needed about why the clinical signs scoring sheet is being used
  - Has expertise been sought for the intracranial work?
  - Clarity needed for the severity of protocol 11
  - Further detail needed about what will happen to the animals in protocol 12
  - Are steps 2 and 4 in protocol 11 mandatory or optional
  - Should the surgery for the intracranial injection be listed as AC rather than AB. Surgery not mentioned at all in the protocol
  - Steps 2 and 5 in protocol 12 are these mandatory or optional
  - Can the group be sure they are able to maintain the moderate severity
  - Why are the mice be anaesthetized to be handled every time? Is this due to the breed?
  - In protocol 12 step 2 and 3 Hamsters are listed but they don’t have Hamsters listed on the species list for this project

5. **Severe Severity licence reviews**

6. **Standard condition 18 reports**
   18 new SC 18 reports submitted since last AWERB 3Rs meeting – mouse with punctured oesophagus after oral gavage, possible mis-dose. PPLh has advised HOI that the PILhs will undergo a re-assessment on oral gavage]

7. **3Rs information/reports**
   *3Rs Drop In Sessions - First session being held by [ ] on 15th September at [ ]. [ ] are also attending [ ] in September for the Big Biology Day
8. Highlights of AWERB Standing meeting*

9. Highlights of January AOC meeting*

10. Any Other Business
   - The deadline for submitting 3Rs related articles to the new forum that is being produced is mid September

11. For information only

   Date of next meeting: 5th October 2022 in [ ] at 9.00am

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