



## Minutes

**Date** Wednesday, 04/05/2022

**Time** 9:00 AM

**To** Committee Members

**At** Virtual via Microsoft Teams

**Subject** AWERB 3Rs Committee

**In Attendance:**

[Redacted names]

**Apologies:**

**Minutes –** [Redacted]

**1. Minutes**

Minutes from the previous meeting on 6<sup>th</sup> April were approved

**2. Matters Arising**

**3. Retrospective Reviews**

The committee discussed the following:

- [Redacted] - Genetic Dependencies of Renal Cell Carcinoma

The committee agreed the PPLh needs to review the document and answer questions that were not answered. Numbers need to be detailed for each protocol rather than a total for all protocols.

Section 2.5 needs to be amended to reflect the numbers in 2.1.

In section 2.9 the word 'strain' is misspelled. Mice detailed in 2.9 were bred in CRUK, does this affect the numbers reported in section 2.11.

The information in sections 3.5 & 2.5 need to be reviewed as the details do not match concerning the slow growth of the tumor. More detail needs to be added to section 3.7 regarding the non-invasive tumor monitoring. Was a PPL amendment submitted to reflect the change in the study plan mentioned in section 5.1 – 2.5?

- [Redacted] - Genetic determinants of renal cancer progression

The committee agreed the PPLh needs to review the document and answer questions that were not answered. Numbers need to be detailed for each protocol rather than a total for all protocols. The committee questioned why the animals found dead were reported as "moderate". Was the Home Office Inspector involved in this matter? Were any SC18 reports submitted for these animals?

Section 2.9 has not been answered. Can further details be provided about the "Pool" method allowed to decrease animal numbers mentioned in section 3.2. More detail needed in section 3.8



tumour growth monitoring. Further detail needed in section 5.1 about the amendments. Copies of any SC18 reports need to be provided.

- [REDACTED] - Development of humanised mouse models for study of cancer immunotherapy

Information in section 2.5 detailing why numbers were lower than intended. There were no rats used in protocol 6, 8 & 9 has the PPLh considered not using them in the next licence. 2.2 needs to be completed. More information needed about the animals that went on to be used for experimental protocols and not returned for breeding. Details of how was this possible? In section 2.9 further information about what database was used and can it be shared with other people? The group should be commended on their 30% reduction of animals. Section 2.8 has the positive outcome of providing the breeders a specialized diet been shared with other groups? Sentence in 2.5 needs finishing. Further clarification of the species used in protocol 7.

- [REDACTED] - Study of the mammalian hypothalamic pituitary gonadal axis

There were no animals in section 2.1 protocol 4 reported in the sub-threshold category. Clarification needed and amend the number if necessary. In section 2.5; protocol 4 the reasons for the limited access to the facility should be clarified. The wastage of animals in 2.7 protocol 3 may be related to protocol 4, further clarification needed. Section 2.8 a; more detail needed. Section 3.5; add a statement about the successful use of the Non-Surgical Embryo Transfer method in the reduction and refinement section, Section 5.1; In section 2.12 an amendment for increasing animal number in protocol 4 has been submitted. Further information about this amendment in section 5.1 is needed.

#### 4. Amendments

#### 5. Severe Severity

- [REDACTED] - CNS white matter development, plasticity and disease

Protocol 10. Step2. The committee advised to amend the letters from A to D.

#### 6. Severe Severity licence reviews

#### 7. Standard condition 18 reports

18 new SC 18 reports submitted since last AWERB 3Rs meeting – [x6 [REDACTED]; x2 reporting mis-dosing via oral gavage] [x [REDACTED] GA immunocompetent mice found dead, combination of mutant alleles].

#### 8. 3Rs information/reports

NC3Rs Self-Assessment Tool/3Rs strategy – update to be given (SW)

\*UAR – #MicelnResearch week – **Monday 9<sup>th</sup> May – Friday 13<sup>th</sup> May**. UAR think that the best way to celebrate openness and transparency is to highlight the role of the most used animal in scientific research - the mouse. They are inviting Concordat signatories and organisations within the life science community (in the UK and abroad) to join them in sharing information on social media about the mouse research we conduct, fund, or support. **Use the hashtag #MicelnResearch – please could you send me any information/infographics/images/articles (\*especially 3Rs related work) that you would like to see featured on the University Twitter page for this campaign:**

[REDACTED]



\*NC3RS/Events – [Events | NC3Rs](#) ; ones to note include “PREPARE for Better Science Course” [online] Tuesday, 26<sup>th</sup> April; “The impact of food restriction on experimental outcomes and rodent welfare” [online] Wednesday, 4<sup>th</sup> May; Pint of Science Festival Cambridge “Focusing on the 3Rs to replace, reduce and refine animal research” [redacted] Tuesday 10<sup>th</sup> May 6:45pm-9:30pm, follow link for more details: [Focusing on the 3Rs to replace, reduce and refine animal research | Pint of Science](#)

**\*Advances in Animal Models and Cutting Edge Research in Alternatives:** Proceedings of the Second International Conference on 3Rs Research and Progress, Hyderabad, 2021 [see attached PDF]; the conference provided a suitable platform for researchers to present their work and exchange ideas with other experts. This promotes the building of new networks to achieve certain common goals and make research more human-relevant and less animal-dependent. Great exchanges of scientific knowledge took place at the event, and current advances in nearly all of the fields associated with animal alternatives were addressed.

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

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

**11. Any Other Business**

**12. For information only**

**Date of next meeting: 1<sup>st</sup> June 2022**

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