

**THE UNIVERSITY OF MANCHESTER**  
**ANIMAL WELFARE AND ETHICAL REVIEW BODY**

**Wednesday, 2<sup>nd</sup> November 2016**

**1. Minutes**

*Confirmed:* The minutes of the meeting held on 28<sup>th</sup> September 2016.

**2. Matters arising**

2.1 *PKCa & Vascular Calcification in Kidney Dysfunction*

*To report:* That the revisions had been completed and the project had been approved.

2.2 *Regenerative Medicine Therapy for Renal Injury*

*To report:* That the revisions had been completed and the project had been approved.

2.3 The applicant, whose project, *Type 2 Immunity in infection and tissue homeostasis*, was reviewed and approved by AWERB at its meeting on 8 February 2016, before her transfer from another University, was invited to meet the committee.

*Noted:* (a) That there had been refinements which allowed some experiments to be done *in vitro*.

(b) That the applicant had established links with other research groups.

(c) That the discussion moved to consider the following general issues:

- The extent to which AWERB would wish to see and scrutinise the detailed protocols
- That AWERB should be more concerned to question the worst case adverse effect than the normal adverse effect.
- That there might be categories of animal use and adverse effects that it should look at more closely, such as substantial severity, the upper end of moderate severity and the use of animals of higher sentient classification than rodents.

*Agreed:* That these issues be considered by the AWERB officers and proposals presented at the next meeting.

**3. Report on licences processed 19.09.16 to 26.10.16**

*Reported:* (a) That the following amendments to project licences had been approved by the executive group:

40/3644

*Characterization of novel antimicrobial agents.*

40/3687

*Development and optimisation of infection models.*

40/3625	<i>Gene function in cardiovascular disease</i>
40/3644	<i>Characterization of novel antimicrobial agents.</i>
40/3687	<i>Development and optimisation of infection models.</i>

(b) Amendments to 70/8858, Generation, breeding and maintenance of genetically altered animals:

- To create D1R-(iRFP) mouse lines using CRISPR.
- To create CSF2RB2 KO & CSF2RB S709L, Ter22 mice model using CRISPR.
- To produce a MicroRNA-3085 KO mouse
- To produce a PAMR1KO mouse

(c) That for Personal Licences there were 48 new licences, 4 amendments, 10 surrendered and 0 renewed.

#### 4. Application for new Project Licence

There were no applications for new projects.

#### 5. Research Project for Review

##### 5.1 Regulation of pituitary physiology (70/8082)

*Noted:* That the applicant would retire before the end of the licence and that a new project licence holder would need to be appointed.

*Resolved:* To recommend approval and continuation of project.

##### 5.2 AWERB Review form

*Noted:* That it would be helpful if the AWERB Review form were modified to ask whether the articles so far published met the ARRIVE guidelines.

#### 6. Proposal for AWERB Hub

*Reported:* That the Home Office had proposed setting a number of regional AWERB Hubs for the discussion of common issues. It had been initially proposed that there should be one covering the whole of the North of England and centred on Newcastle upon Tyne.

*Noted:* (a) That it was felt that a group covering the whole of the North of England was not practicable and that a smaller, local grouping was preferable, initially perhaps just four institutions.

(b) That the purpose and functioning of any grouping would need to be designed so that it was not a mere talking shop but a way of sharing best practice. This might be in the form of an annual workshop.

*Agreed:* That the Chair would discuss a way forward and report back to the next meeting.

## **7. Composition of AWERB**

*Reported:* That the Chief Executive of NC3Rs, had accepted an invitation to attend AWERB meetings on an occasional basis and would be attending on 19<sup>th</sup> December.

*Noted:* That it was desirable to bring in new people and have a better gender balance.

*Agreed:* That members of AWERB were invited to suggest names of new members and that the Chair would discuss with AWERB officers additional members.

## **8. Category D applications**

*Reported:* That the number of Category D applications being received was much lower than might be expected and that the process of approving applications was cumbersome. Moreover, the Chair of the Category D Committee, had left the University and two other members had retired and it was important to identify a new Chair soon. In order to improve the capture of relevant projects it had been agreed that, for the School of Biology, one person would screen all undergraduate projects which involved animals and the NTCO would decide whether any would need approval under category D or Category C.

*Agree:* That the Chair would arrange for the appointment of a new chair and new members of the committee on category D application.

## **9. 3Rs Culture**

*Agreed:* That this should be discussed at the next meeting.