



Home Office

PPL Standard Condition 18 Notification Form

Please use this form to notify the Animals in Science Regulation Unit (ASRU) of procedural-related adverse effects that have exceeded or are likely to exceed the severity limitations or controls described in the project licence. ASRU will use this information to determine whether any further action is required.

Do not use to report:

- adverse effects that are due to non-procedural issues;
- potential non-compliance (report by other means);
- issues without adverse welfare consequences.

If you are in doubt whether or not you need to fill in this form, please contact your assigned Inspector.

Please clearly title your document: **'ASRU_establishment name_PPL number_PPLh surname_date_sc18'** and send to your Inspector (e.g. using cjsm) with the subject heading 'PPL SC 18 Notification PPL [Number] – **Check Home Office's Updated Bridging Ways of Working for updated advice on email addresses and subject headings. Cjsm no longer necessary.**

Establishment Licence name	University of Cambridge (Mira)
Establishment Licence number	X81BD37B1
Name of PPL holder	Rachel Watson
PPL number	PP6298217
Protocol no	08
Protocol title	Investigation of the biodistribution of test agents (Mice)
Severity classification	Mild
1. Date of incident	24/08/25
2. Species	Mouse

3. Brief details of study and how the limits or constraints have been breached	The aim of this study is to examine the biodistribution of blood-brain barrier crossing adeno-associated virus (AAV) serotype in male C57Bl/6J mice, as well as a time course to assess peak expression. There are two vector groups and one vehicle group. The study started on May 20th with an i.v. injection and the mice have been weighed weekly (after an initial 48-hour monitoring period). Today (24/08) mouse 56 (in a viral vector group) was observed to look a little unusual, displaying a mild hunch and looking to 'vibrate' slightly. He was observed for a period, and the hunch was intermittent, with the mouse active, bright and alert and observed to interact with cage mates normally and to explore the cage and rear up, displaying normal behaviour. The mouse was weighed and found to have gained weight since he was last weighed (29.1 g today, compared to 28.6 g on 19/08, a gain of 36.4% from his starting body weight in May. There was some fighting observed in the cage, therefore additional enrichment and bedding has been provided. No other mice on study are displaying clinical signs. This mouse is over 14 weeks into the 16 week study, with the study due to finish on 9th September. Therefore, as the mouse remains bright and alert and is not losing weight, we would request to keep this animal alive as its scientific value is high. The mouse will be checked again this afternoon and will be weighed daily between now and the end of the study.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	The animal care team provided additional enrichment. The NACWO and NVS have been informed and provided with a short video of the cage ahead of this SC18 being prepared, with the NACWO acknowledging the plan.
5. Cause of Problem, if known	The cause of the problem is unknown. There is no indication that the treatment group is contributing as all other animals are fine. As fighting has been observed, this may be contributing to the issue.

6. Action that has been or will be taken <i>(For example, formulation of drug changed, supportive treatment given, study design modified). If no action needed, indicate why (for example, none required as study has been terminated and will not be repeated)</i>	Enrichment has been increased. If KAR is granted we suggest the following course of action: • Mouse to be observed again this afternoon, and daily thereafter if no changes. • Mouse to be weighed daily between now and the end of the study. • If fighting continues to be observed, mouse to be separated from cage mates.
7. Reported by (name)	Rachel Watson
8. Date	24/08/25

*****For official use*****

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	