

**Home Office**

230748 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]

Establishment Licence name	University of Cambridge - Ann McLaren Building
Establishment Licence number	X81BD37B1
Name of PPL holder	Professor Brian Huntly
PPL number	PP3042348
Protocol no	8
Protocol title	Study of the impact of genetic alterations on HSPC function during the development, progression and treatment of blood cancers (Mice)
Severity classification	Moderate
1. Date of incident	02/04/2023
2. Species	Mouse

3. Brief details of study and how the limits or constraints have been breached	The study is taking place to study the effects of therapeutics on the treatment of leukaemia. Specifically in single treatment or combination. The mice are weighed and checked regularly. It is known that the mice are likely to develop a leukemic disease with enlarged spleens, lethargy and tumour burden. The limits were breached as a mouse was found dead on the 2nd April 2023.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	The identifying technician noted that there were no obvious signs as to why the mouse would have died, with no visible health issues. I will continue to check the mice closely and weigh regularly alongside my colleagues.
5. Cause of Problem, if known	The mouse was found dead, the mouse was dissected and the spleen taken to investigate the infiltration of the cancer. The tissue showed engraftment of the tumour.
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>	Mice remaining in the study will continue to be monitored and weighed regularly to observe for clinical signs.
7. Reported by (name)	Andrew Moore
8. Date	06/04/2023

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

Inspector's comments and recommendations:

Comments and recommendations	Thank you for submitting this PPL SC18 Notification. In making this report, you are compliant with PPL Standard Condition 18. The content of this SC18 report has been read and the matter can now be considered CLOSED. Please continue to inform us of any other similar incidents should they occur.
Inspector name	Catriona Chalmers
Date	02/04/2024