

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	Designated area within the University of Cambridge, Anne Maclaren Building
Establishment Licence number	X81BD37B1
Name of PPL holder	Brian Huntly
PPL number	PP3042348 (Huntly) Investigation of normal haematopoietic stem cell subversion and the evolution, maintenance and targeting of haematological malignancies
Protocol no	9
Protocol title	[Moderate] 09 Study of the genetic and therapeutic vulnerabilities of pre-leukaemia and leukaemia (Mice)
Severity classification	Moderate
1. Date of incident	11/07/2022
2. Species	Mouse

3. Brief details of study and how the limits or constraints have been breached	Two mice on study plan SP128120 exceeded our moderate severity limit Monday 11th of July 2022. This first mouse was found dead and the second one was found moribund on the same day. These mice received leukaemic cells from a very aggressive leukaemia, in an attempt to investigate the efficacy of a compound. All remaining mice in this cohort were all culled before reaching the severity limit within the next 10 days. The last regulated procedure on these animal was performed on the 6th of July 2022 (IVIS imaging). The animals were 19 weeks old at the time of death.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	Advice was sought when the moribund animal was found.
5. Cause of Problem, if known	These mice succumbed to leukaemia, as evidenced by the post mortem analysis, which confirmed splenomegaly and hepatomegaly. It is unclear to us why these animals progressed more rapidly than the rest of the animals in this cohort. This could potentially be explained by a higher stochastic engraftment of cells to sites such as lung or other extramedullary tissues that could have led to a faster disease dissemination.
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>	We continued monitoring the rest of the animals in this cohort. This relied on hand checks twice daily with no more mice in the study (a total of 19 animals) exceeding the severity limit.
7. Reported by (name)	Ryan Asby/George Giotopoulos
8. Date	04/11/2022

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

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	

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