



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
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	08
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	28/09/2025
2. Species	Mouse
3. Brief details of study and how the limits or constraints have been breached	The specific study (SP146789) made use of a murine AML cell line harbouring a combination of two mutations (<i>Dnmt3a R882H</i> & <i>FLT3-ITD</i>). As such, mice under this study plan had received a lethal dose of irradiation (on the 1 st of April 2025) followed by intravenous injection of murine cells. One mouse on study plan was found dead on Sunday 28 th of September 2025.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	No advice was deemed necessary but the NACWO will be cc'ed on the correspondence of this report.
5. Cause of Problem, if known	There were no signs of fighting (note this was a cage of female mice). Macroscopic examination of the animal post-mortem did not reveal any obvious causes of death. Most importantly, the animal did not show hepatomegaly, and especially splenomegaly, something that is an obligate phenotype on the <i>Flt3-ITD/Dnmt3a R882H</i> leukaemias. This animal had been visually inspected on the previous days and displayed no clinical symptoms. A peripheral blood sample taken on the 5 th of September 2025 did not show elevated white blood counts. We do not believe that the cause of death is related to experimental reasons.
6. Action that has been or will be taken (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)	The remaining animals in this cohort were inspected with no animals displaying any clinical signs of ill health. A blood sample on the 29 th of September 2025 day did not identify any animals with elevated white blood counts and we also found no evidence of disease by genomic analysis (PCR). We will continue to monitor the animals on this study for any signs of disease with visual checks and peripheral blood analysis.

7. Reported by (name)	George Giotopoulos
8. Date	30/09/2025

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

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	